

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: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627580 (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-SA5B-735-U-VWR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

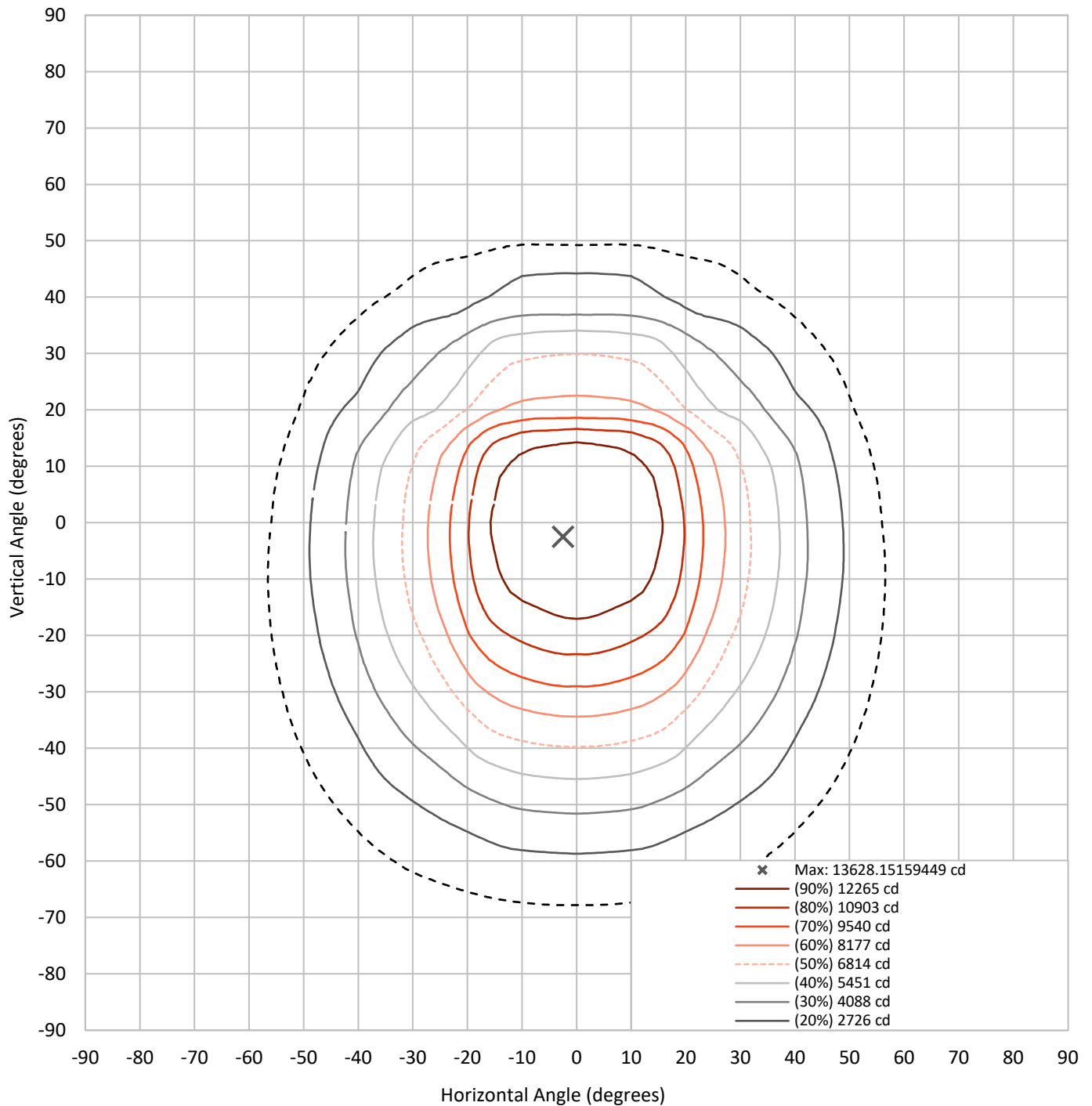
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18187.2 lumens	Max Intensity:	13628.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	114.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	10522.5 lumens	Field Lumens:	17258.5 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





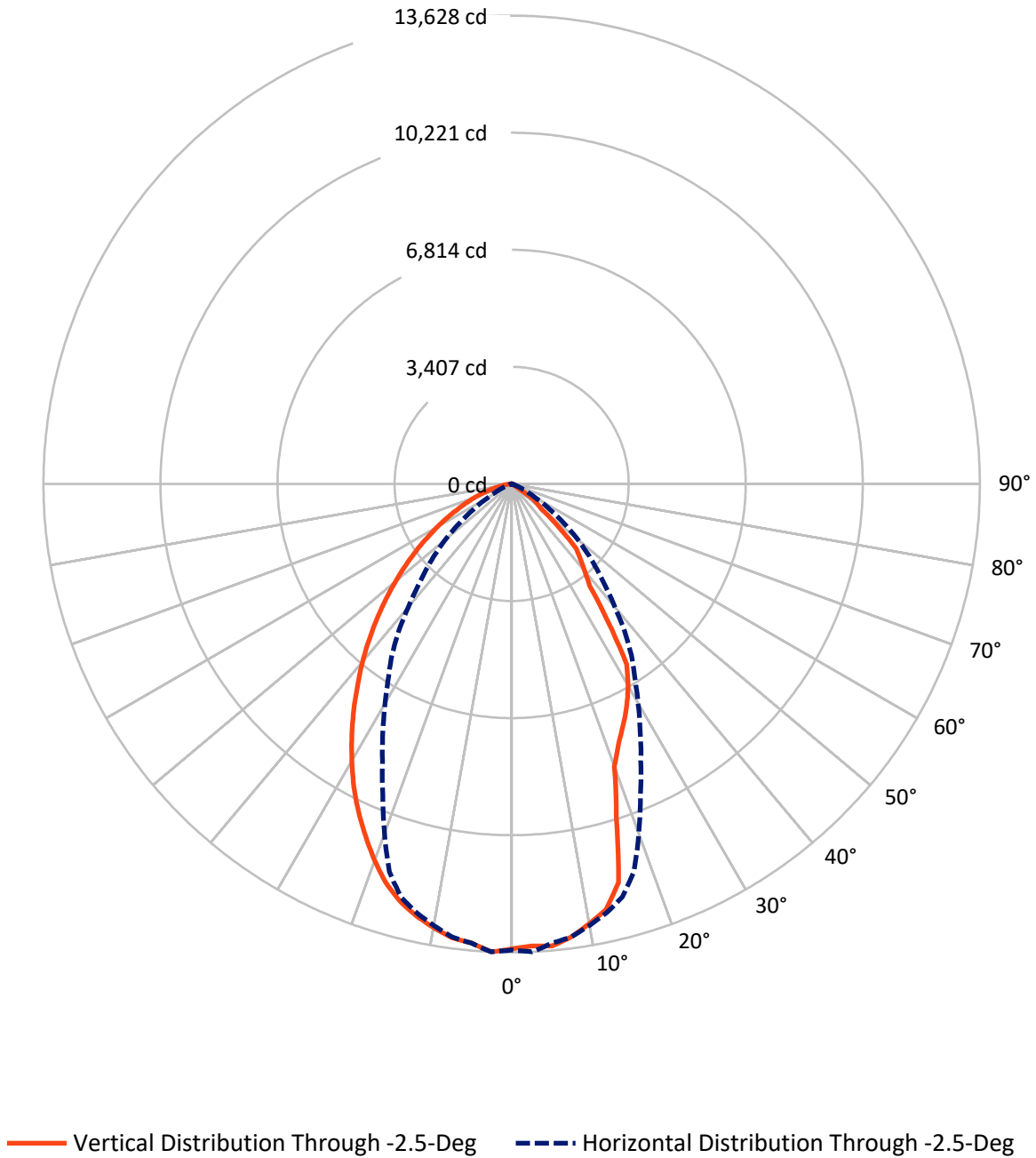
REPORT NUMBER: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
70																			
60	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	
50		0.2	0.4	1.7	5.0	9.6	14.2	17.7	17.7	14.2	9.6	5.0	1.7	0.4	0.2				
40	0.3	0.3	2.0	9.3	22.6	40.6	60.0	73.4	73.4	60.0	40.6	22.6	9.3	2.0	0.3	0.3	0.3	0.3	
30		0.9	6.8	23.6	52.7	85.5	128.1	149.8	149.8	128.1	85.5	52.7	23.6	6.8	0.9				
20	0.6	2.0	13.1	41.8	84.9	134.7	202.0	232.2	232.2	202.0	134.7	84.9	41.8	13.1	2.0	0.6	0.6	0.6	
10		3.5	20.1	61.9	122.4	201.4	299.8	343.8	343.8	299.8	201.4	122.4	61.9	20.1	3.5				
0	0.9	4.7	26.0	73.6	146.3	240.6	354.0	401.7	401.7	354.0	240.6	146.3	73.6	26.0	4.7	0.9	0.9	0.9	
-10		5.6	28.7	76.4	150.2	246.1	356.6	403.2	403.2	356.6	246.1	150.2	76.4	28.7	5.6				
-20	1.2	5.8	28.1	72.3	141.7	230.5	331.0	374.0	374.0	331.0	230.5	141.7	72.3	28.1	5.8	1.2	1.2	1.2	
-30		5.3	24.6	63.1	122.4	195.9	277.5	314.2	314.2	277.5	195.9	122.4	63.1	24.6	5.3				
-40	1.1	4.4	19.6	49.6	96.3	151.1	211.9	239.9	239.9	211.9	151.1	96.3	49.6	19.6	4.4	1.1	1.1	1.1	
-50		3.6	14.5	35.4	69.0	106.3	146.7	166.5	166.5	146.7	106.3	69.0	35.4	14.5	3.6				
-60	0.9	2.7	9.5	22.7	42.9	66.0	89.6	102.2	102.2	89.6	66.0	42.9	22.7	9.5	2.7	0.9	0.9	0.9	
-70		1.9	5.7	13.3	23.6	35.0	46.3	52.5	52.5	46.3	35.0	23.6	13.3	5.7	1.9				
-80	0.3	4.3	19.6	42.8	47.8	42.8	19.6	4.3	0.3	0.3	4.3	19.6	42.8	47.8	42.8	19.6	4.3	0.3	
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

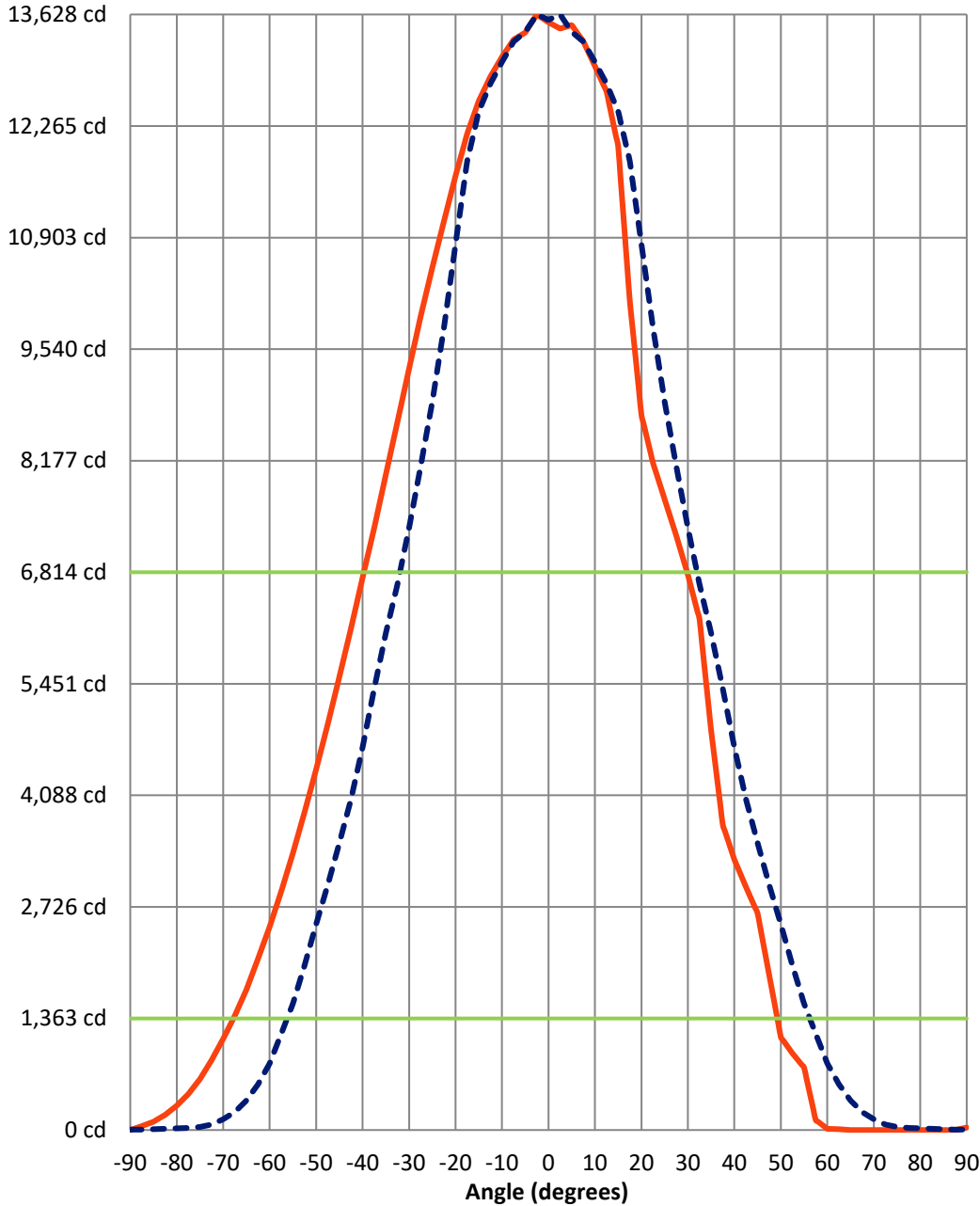
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 10522.5
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 17258.5
 Efficiency: 94.9%

Spill:
 Lumens: 928.7
 Efficiency: 5.1%

- Vertical Distribution through -2.5-Deg
- - - Horizontal Distribution through -2.5-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°	5.1	5.1	5.1	6.4	7.7	8.9	10.2	11.5	12.8	14.0	15.3
87.5°	5.1	5.1	5.1	4.9	4.7	4.3	3.8	2.7	1.7	0.8	0.0
85°	5.1	5.1	5.1	4.8	4.2	3.5	2.5	1.5	0.8	0.3	0.0
82.5°	5.1	5.1	5.1	4.6	3.8	2.7	1.2	0.4	0.1	0.7	1.4
80°	5.1	5.1	5.1	4.5	3.4	1.9	0.3	1.0	1.8	2.7	3.5
77.5°	5.1	5.1	5.1	4.3	3.0	1.7	1.6	2.5	3.6	4.6	4.6
75°	5.1	5.1	5.1	4.2	2.8	2.5	2.9	4.0	5.0	4.1	2.7
72.5°	5.1	5.1	5.1	4.1	3.2	3.3	4.1	5.0	4.3	2.9	0.9
70°	5.1	5.1	5.1	4.1	3.7	4.1	5.1	4.8	3.7	1.9	2.3
67.5°	5.1	5.1	5.1	4.3	4.1	4.8	5.3	4.7	3.3	3.9	4.6
65°	5.1	5.1	5.1	4.4	4.4	5.3	5.5	4.7	5.1	5.9	6.3
62.5°	5.1	5.1	5.1	4.6	4.8	5.7	5.7	5.8	6.9	7.7	7.0
60°	5.1	5.1	5.1	4.7	5.1	6.1	6.1	7.3	8.6	8.9	8.0
57.5°	5.1	5.1	5.2	4.8	5.6	6.6	7.3	8.8	10.1	10.2	10.0
55°	5.1	5.1	5.2	4.9	6.1	7.1	8.6	10.3	11.6	11.8	12.4
52.5°	5.1	5.1	5.3	5.0	6.6	7.8	9.8	11.8	13.3	14.0	14.8
50°	5.1	5.1	5.4	5.1	7.2	8.8	11.1	13.3	15.1	16.1	17.2
47.5°	5.1	5.1	5.6	5.2	7.8	9.9	12.3	14.7	17.0	18.3	19.5
45°	5.1	5.1	5.7	5.7	8.4	10.9	13.5	16.1	18.8	20.4	21.9
42.5°	5.1	5.1	5.9	6.2	9.0	11.8	14.6	17.6	20.6	22.5	26.6
40°	5.1	5.1	6.1	6.8	9.7	12.8	15.8	19.3	22.6	24.6	31.7
37.5°	5.1	5.1	6.3	7.5	10.5	13.7	16.9	21.1	24.8	28.0	37.0
35°	5.1	5.1	6.5	8.1	11.2	14.6	17.9	22.9	27.0	34.4	47.0
32.5°	5.1	5.1	6.7	8.8	11.9	15.4	19.1	24.8	29.3	41.9	67.1
30°	5.1	5.1	7.0	9.4	12.5	16.2	20.6	26.8	31.8	50.5	86.7
27.5°	5.1	5.1	7.2	10.0	13.3	17.0	22.1	28.8	36.0	60.0	105.6
25°	5.1	5.1	7.5	10.6	14.1	17.7	23.6	30.8	43.4	74.0	124.1
22.5°	5.1	5.1	7.8	11.2	14.9	18.5	25.1	32.8	51.1	89.3	148.6
20°	5.1	5.1	8.0	11.7	15.6	19.4	26.5	34.8	59.2	103.8	172.9
17.5°	5.1	5.1	8.3	12.3	16.3	20.3	28.0	36.7	67.4	117.5	196.8
15°	5.1	5.1	8.6	12.8	17.0	21.2	29.4	39.3	75.6	130.3	220.1
12.5°	5.1	5.1	8.9	13.3	17.6	22.0	30.7	42.8	84.8	142.2	242.4
10°	5.1	5.1	9.2	13.7	18.2	22.8	31.9	46.5	94.5	156.0	264.7
7.5°	5.1	5.1	9.5	14.2	18.8	23.5	33.0	50.3	103.7	169.5	288.1
5°	5.1	5.1	9.7	14.6	19.3	24.2	34.0	54.0	112.3	182.0	309.7
2.5°	5.1	5.1	10.0	14.9	19.8	24.8	34.9	57.6	120.2	193.3	329.1
0°	5.1	5.1	10.2	15.3	20.3	25.4	35.6	61.0	127.2	203.5	345.9
-2.5°	5.1	5.1	10.2	15.3	20.3	25.4	35.6	61.0	127.2	203.5	345.9
-5°	5.1	5.1	10.2	15.2	21.1	26.4	39.4	72.9	136.3	233.6	373.5
-7.5°	5.1	5.1	10.1	15.2	21.4	26.9	41.0	77.9	139.5	245.1	383.2
-10°	5.1	5.1	10.0	15.1	21.7	27.3	42.3	82.0	141.8	253.5	390.3
-12.5°	5.1	5.1	10.0	14.9	21.8	27.6	43.3	85.0	143.4	257.8	395.9
-15°	5.1	5.1	9.9	14.8	21.9	27.9	43.9	86.9	146.4	257.3	397.9
-17.5°	5.1	5.1	9.7	14.6	21.9	28.1	44.1	88.8	150.8	254.7	395.4
-20°	5.1	5.1	9.6	14.4	21.7	28.3	45.3	90.6	153.6	250.1	388.2

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Scaled Data Report



REPORT NUMBER: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	5.1	5.1	9.4	14.1	21.5	28.4	48.2	91.4	154.9	243.4	375.8
-25°	5.1	5.1	9.2	13.9	21.1	30.2	50.6	91.2	154.4	234.7	358.2
-27.5°	5.1	5.1	9.0	13.6	20.6	32.6	52.4	89.8	152.3	227.4	345.4
-30°	5.1	5.1	8.8	13.2	20.1	34.6	53.7	87.3	149.4	224.1	330.9
-32.5°	5.1	5.1	8.6	12.9	20.9	36.3	54.3	87.4	145.8	218.5	314.6
-35°	5.1	5.1	8.4	12.5	21.4	37.7	55.8	87.9	140.7	210.6	296.5
-37.5°	5.1	5.1	8.1	12.1	21.8	38.5	57.3	87.6	134.3	200.4	288.4
-40°	5.1	5.1	7.8	11.7	21.9	38.8	58.2	86.4	126.3	190.6	279.3
-42.5°	5.1	5.1	7.5	11.5	22.1	38.8	58.5	84.4	121.8	182.7	265.5
-45°	5.1	5.1	7.2	11.5	22.2	38.6	58.2	82.6	118.5	173.0	248.1
-47.5°	5.1	5.1	6.9	11.5	22.0	38.0	57.3	81.4	114.2	161.3	234.4
-50°	5.1	5.1	6.6	11.3	21.6	37.1	56.1	79.4	110.8	157.1	218.0
-52.5°	5.1	5.1	6.2	11.1	21.0	36.0	54.6	76.6	108.0	151.6	200.5
-55°	5.1	5.1	5.8	10.8	20.1	34.5	52.6	73.1	104.4	144.7	192.1
-57.5°	5.1	5.1	5.5	10.4	18.9	32.6	50.3	70.1	99.5	137.5	182.2
-60°	5.1	5.1	5.1	9.9	17.6	30.4	47.6	66.6	93.3	128.9	170.8
-62.5°	5.1	5.1	5.1	9.4	16.6	27.8	43.7	62.1	85.6	118.7	157.5
-65°	5.1	5.1	5.1	8.8	15.6	24.9	39.4	56.3	76.2	105.4	142.4
-67.5°	5.1	5.1	5.1	8.1	14.4	22.4	34.6	49.4	65.4	89.7	122.3
-70°	5.1	5.1	5.1	7.4	13.1	20.3	29.5	42.1	56.0	72.4	98.9
-72.5°	5.1	5.1	5.1	7.2	11.6	18.1	26.0	34.4	46.2	60.0	75.7
-75°	5.1	5.1	5.1	7.1	10.2	15.8	22.7	29.0	36.0	47.3	60.2
-77.5°	5.1	5.1	5.1	7.1	9.6	13.4	19.2	24.4	29.8	35.8	44.1
-80°	5.1	5.1	5.1	7.0	9.3	12.0	15.5	19.7	24.0	28.8	34.0
-82.5°	5.1	5.1	5.1	6.8	8.9	11.3	14.0	16.0	18.1	21.7	25.6
-85°	5.1	5.1	5.1	6.7	8.5	10.5	12.8	14.5	16.2	17.8	19.5
-87.5°	5.1	5.1	5.1	6.5	8.1	9.7	11.5	13.0	14.5	15.9	17.4
-90°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	3.8	2.5	1.3	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°	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.6	17.8	19.1
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°	1.5	1.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.4	2.7	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.9	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.1	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.8	1.4	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2.9	3.1	2.1	0.8	0.0	0.3	0.7	0.5	0.0	0.3	0.6
67.5°	4.8	3.5	2.3	1.4	1.9	2.6	2.4	2.6	2.8	3.0	2.6
65°	5.0	3.8	3.8	4.4	5.0	5.5	5.9	6.3	5.3	4.6	4.7
62.5°	5.3	5.8	6.6	7.4	8.2	8.9	8.9	7.9	6.0	7.6	8.7
60°	7.6	8.3	9.4	10.4	11.4	12.0	11.5	11.6	12.9	14.9	28.6
57.5°	10.2	10.9	12.2	13.8	15.2	15.4	15.8	17.2	40.3	65.9	72.8
55°	12.9	13.4	15.6	18.1	19.6	19.4	27.9	58.8	88.8	123.0	135.6
52.5°	15.5	16.6	20.2	23.2	25.2	39.2	70.7	112.7	156.9	196.2	246.9
50°	18.1	21.8	25.5	30.0	47.8	84.5	130.5	187.8	254.4	317.2	381.5
47.5°	22.6	27.2	33.0	47.3	94.4	145.2	208.8	301.0	383.2	459.2	547.3
45°	28.0	37.6	44.0	93.7	148.4	214.0	321.7	434.4	509.0	610.6	766.6
42.5°	33.5	52.0	84.0	141.6	208.2	314.0	447.6	543.6	642.9	807.7	971.6
40°	48.2	69.8	126.8	195.2	279.6	433.9	571.0	679.8	815.3	998.0	1169.2
37.5°	66.1	106.5	170.4	252.5	391.7	560.8	707.7	863.0	1018.8	1191.0	1508.6
35°	85.9	140.6	225.7	336.4	503.8	701.6	876.6	1050.2	1229.7	1568.9	1884.0
32.5°	111.7	172.0	283.4	433.9	625.1	842.1	1045.3	1245.9	1533.9	1917.7	2234.0
30°	139.6	222.4	349.9	524.2	739.2	970.8	1215.1	1458.0	1839.1	2156.8	2500.1
27.5°	168.7	275.7	427.9	618.6	846.1	1092.3	1368.1	1714.5	2054.4	2368.3	2745.6
25°	198.6	331.2	499.1	708.8	951.2	1223.6	1540.8	1962.7	2228.7	2575.5	2969.0
22.5°	237.0	384.3	569.7	790.6	1048.7	1358.5	1763.0	2186.7	2499.7	2791.4	3175.8
20°	281.5	444.1	646.5	893.0	1144.1	1490.2	1983.9	2429.7	2797.8	3131.7	3484.9
17.5°	323.0	500.0	728.7	997.6	1283.0	1659.1	2200.7	2694.0	3099.1	3471.3	3912.2
15°	361.3	551.7	809.1	1096.6	1419.6	1852.5	2395.2	2936.9	3399.4	3818.2	4319.2
12.5°	396.4	599.0	886.6	1189.2	1548.2	2019.3	2558.4	3087.2	3595.6	4141.3	4709.9
10°	428.0	641.4	959.8	1274.8	1667.4	2160.4	2693.3	3212.5	3725.4	4303.0	4934.6
7.5°	462.0	681.2	1026.2	1352.5	1775.8	2276.9	2801.1	3313.1	3830.4	4432.2	5080.8
5°	493.4	717.7	1079.0	1408.3	1859.6	2367.8	2882.2	3389.4	3910.0	4528.6	5191.4
2.5°	520.9	748.4	1122.0	1451.9	1921.8	2434.7	2934.9	3453.1	3969.1	4606.9	5275.9
0°	544.3	773.3	1154.8	1485.5	1968.8	2482.6	2965.9	3495.0	4003.7	4660.0	5331.5
-2.5°	559.3	814.1	1177.3	1544.0	2009.8	2514.0	2993.6	3506.7	4040.9	4676.8	5393.9
-5°	569.8	847.2	1190.9	1589.1	2036.7	2527.8	3002.8	3497.6	4050.8	4672.5	5403.1
-7.5°	575.9	870.5	1197.3	1614.7	2046.1	2519.5	2987.3	3480.4	4034.6	4656.5	5362.6
-10°	579.5	877.9	1205.9	1607.0	2033.7	2492.2	2952.9	3440.0	3988.4	4604.5	5285.9
-12.5°	589.1	873.2	1204.4	1589.9	2006.9	2451.0	2901.9	3376.0	3911.5	4515.8	5179.8
-15°	591.5	862.7	1190.0	1564.7	1966.0	2397.2	2835.1	3288.3	3816.7	4429.3	5062.4
-17.5°	586.1	846.9	1161.8	1532.6	1911.3	2331.8	2756.4	3209.2	3727.8	4329.6	4939.2
-20°	572.5	826.3	1119.2	1494.7	1846.3	2259.2	2677.6	3126.3	3625.5	4191.2	4801.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	550.2	801.5	1073.1	1441.7	1790.2	2175.8	2585.3	3013.4	3497.4	4011.7	4615.9
-25°	527.1	773.5	1036.9	1368.9	1722.6	2078.5	2479.2	2875.3	3346.8	3852.0	4388.2
-27.5°	505.3	734.4	999.1	1289.2	1643.2	1974.6	2359.2	2745.6	3177.5	3672.7	4166.3
-30°	476.7	692.2	953.0	1212.5	1548.1	1876.7	2225.4	2605.7	2994.1	3464.0	3949.7
-32.5°	451.5	648.3	900.6	1154.1	1445.9	1766.4	2081.2	2443.6	2822.7	3223.2	3703.2
-35°	434.7	622.3	845.1	1086.7	1341.6	1646.5	1945.8	2260.8	2627.9	3003.8	3425.2
-37.5°	421.0	592.5	786.6	1016.4	1259.1	1520.7	1800.9	2090.7	2411.1	2790.0	3186.2
-40°	399.5	558.9	743.2	949.4	1163.5	1401.4	1661.5	1923.8	2201.6	2571.8	2962.7
-42.5°	372.0	526.4	702.4	876.5	1072.1	1289.2	1520.5	1767.5	2034.4	2356.0	2715.3
-45°	350.8	484.8	657.0	812.9	974.8	1173.4	1390.6	1614.3	1866.1	2142.2	2464.9
-47.5°	323.9	439.5	597.6	743.4	886.0	1055.5	1254.0	1465.8	1688.8	1937.6	2202.2
-50°	295.1	401.8	525.0	666.9	802.9	943.8	1113.2	1309.0	1511.3	1728.2	1964.2
-52.5°	273.3	357.6	470.1	588.2	717.9	845.7	989.9	1157.8	1338.5	1519.7	1727.3
-55°	248.6	325.2	417.8	523.7	634.1	752.5	883.7	1030.8	1178.1	1344.6	1510.2
-57.5°	231.2	293.9	374.2	466.2	565.4	666.0	789.9	914.2	1050.5	1188.3	1325.8
-60°	217.7	266.9	333.5	414.5	502.9	596.9	698.6	813.5	930.9	1043.3	1162.1
-62.5°	202.1	245.0	297.0	363.1	442.9	524.8	614.3	712.7	819.0	913.6	1005.7
-65°	182.0	219.2	263.9	317.7	380.4	449.5	525.9	608.8	700.6	777.5	852.7
-67.5°	158.9	190.2	227.7	271.7	323.9	377.9	433.9	504.1	578.6	641.3	702.6
-70°	129.8	158.8	189.5	225.3	266.3	312.1	361.4	412.2	463.3	514.5	570.5
-72.5°	99.4	125.8	151.8	177.3	210.0	247.4	287.6	330.3	374.9	418.7	461.3
-75°	75.8	92.9	115.6	138.6	161.3	185.7	212.9	246.8	288.2	330.7	369.6
-77.5°	57.2	71.6	86.7	102.5	116.9	134.9	154.5	175.6	209.8	249.0	288.6
-80°	41.3	49.9	61.9	74.6	84.7	94.6	105.0	115.7	141.1	172.7	206.4
-82.5°	30.6	36.5	43.2	50.6	55.6	60.6	66.1	73.2	92.0	113.4	135.9
-85°	21.0	22.8	26.4	30.5	33.4	36.2	39.2	42.2	52.4	63.8	76.0
-87.5°	18.2	19.1	20.0	21.1	21.4	21.8	22.1	22.4	25.9	29.4	33.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	20.3	21.6	22.9	24.1	25.4	26.7	28.0	29.2	30.5	30.5	30.5
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	0.0	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°	0.4	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.3	2.6	2.6	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0
65°	5.4	5.1	3.8	2.5	1.2	1.9	3.1	3.7	3.7	3.3	2.6
62.5°	8.1	7.4	6.7	7.8	9.3	10.7	10.3	9.7	9.1	8.6	8.9
60°	30.1	20.1	23.2	29.1	27.2	18.7	30.7	34.7	29.5	20.2	19.5
57.5°	76.3	73.6	84.3	123.2	135.5	123.5	147.6	179.2	178.2	153.5	152.7
55°	162.5	217.9	284.9	295.8	342.5	436.0	508.7	476.8	476.6	500.5	577.9
52.5°	308.6	361.0	380.5	432.5	530.0	600.8	646.2	693.3	744.8	797.5	850.8
50°	452.9	503.7	561.5	614.8	749.7	822.4	810.3	907.7	1032.4	1110.3	1150.3
47.5°	664.2	744.4	866.5	1057.7	1158.5	1231.3	1321.8	1432.1	1575.1	1768.9	1918.2
45°	913.2	1039.3	1228.1	1431.3	1587.5	1658.7	1762.3	1933.3	2161.1	2383.0	2545.0
42.5°	1116.6	1289.6	1502.6	1696.7	1824.2	1941.1	2075.2	2219.4	2480.4	2717.4	2904.6
40°	1382.2	1516.9	1755.8	1938.8	2052.9	2168.9	2381.4	2597.2	2842.7	3063.4	3216.8
37.5°	1718.7	1870.2	2118.8	2325.8	2435.7	2476.6	2838.1	3138.5	3338.0	3619.8	3712.0
35°	2080.2	2329.7	2646.5	2914.8	3022.5	3237.5	3609.9	4029.0	4483.1	4650.2	4792.6
32.5°	2483.5	2791.4	3221.1	3509.1	3662.9	3989.1	4460.4	4907.8	5501.6	5823.9	5920.2
30°	2852.5	3205.7	3575.2	3855.1	4117.9	4510.8	4940.6	5492.2	6041.3	6453.4	6581.4
27.5°	3123.2	3514.1	3869.3	4131.4	4427.9	4851.6	5387.5	5946.1	6485.1	6905.6	7054.9
25°	3381.7	3823.6	4104.8	4409.5	4757.7	5219.4	5813.3	6434.0	6964.9	7320.2	7503.4
22.5°	3675.7	4111.4	4413.2	4671.4	5126.7	5658.7	6209.9	6911.3	7473.8	7757.3	7955.9
20°	3979.2	4472.1	4938.4	5178.5	5572.5	6246.1	6863.2	7525.3	8068.5	8363.9	8573.1
17.5°	4402.6	5030.7	5602.6	5942.6	6364.5	7170.0	7939.9	8609.8	9365.3	9632.2	9887.9
15°	4849.0	5576.0	6246.0	6784.6	7329.5	8127.6	9118.8	9927.1	10789.2	11174.3	11609.6
12.5°	5294.0	5982.0	6588.9	7283.9	8051.8	8757.8	9701.5	10708.0	11490.3	11981.4	12274.4
10°	5626.6	6265.6	6849.7	7546.3	8312.8	9111.4	10049.1	11080.8	11899.9	12318.8	12558.0
7.5°	5806.2	6417.8	7033.9	7739.7	8502.8	9353.3	10319.5	11343.1	12180.6	12586.5	12822.6
5°	5939.6	6526.9	7164.9	7907.9	8679.4	9541.9	10506.7	11518.1	12281.7	12713.1	13011.8
2.5°	6020.3	6596.1	7248.3	8016.6	8790.0	9688.3	10699.7	11748.1	12416.2	12763.3	13038.0
0°	6043.7	6623.6	7295.2	8073.5	8867.1	9772.7	10774.9	11812.7	12489.3	12825.0	13104.8
-2.5°	6070.0	6667.1	7357.1	8110.4	8897.3	9800.3	10823.3	11834.5	12443.2	12782.0	13048.2
-5°	6051.7	6670.5	7358.4	8079.9	8872.0	9767.8	10749.8	11695.4	12332.1	12698.3	12963.0
-7.5°	5996.9	6624.6	7305.3	7998.7	8775.7	9681.7	10659.6	11570.1	12215.1	12601.3	12890.9
-10°	5917.2	6526.6	7212.0	7914.3	8681.9	9544.3	10507.2	11412.3	12029.6	12439.7	12777.2
-12.5°	5828.9	6425.7	7086.3	7760.0	8519.2	9370.9	10303.8	11160.6	11774.2	12221.6	12462.8
-15°	5698.0	6294.4	6926.1	7577.6	8317.6	9143.9	10035.1	10857.1	11459.7	11823.7	12090.2
-17.5°	5531.6	6116.7	6715.5	7333.6	8030.8	8844.4	9741.0	10551.7	11042.9	11368.0	11630.0
-20°	5353.3	5894.4	6461.7	7044.9	7720.7	8526.7	9407.3	10114.3	10577.3	10889.7	11137.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	5149.7	5670.7	6190.0	6747.5	7410.1	8149.2	8926.9	9610.2	10108.0	10392.5	10621.1
-25°	4917.2	5424.1	5917.2	6455.6	7064.6	7728.9	8452.1	9123.6	9569.4	9871.7	10098.4
-27.5°	4666.8	5143.0	5624.8	6108.3	6655.8	7317.6	7987.4	8611.2	8991.8	9296.4	9524.4
-30°	4416.9	4845.3	5291.0	5748.7	6262.5	6859.3	7485.8	8010.3	8411.7	8707.7	8919.4
-32.5°	4146.1	4552.6	4947.4	5375.3	5859.1	6385.0	6934.8	7433.8	7862.6	8133.7	8312.2
-35°	3868.8	4262.3	4623.6	5012.0	5438.7	5892.6	6400.1	6892.2	7315.7	7530.2	7704.1
-37.5°	3579.8	3972.2	4314.8	4639.2	5006.8	5427.2	5921.5	6391.0	6756.9	6941.3	7098.0
-40°	3328.6	3674.0	3982.4	4292.9	4591.7	4965.0	5426.3	5880.9	6174.5	6354.1	6499.8
-42.5°	3084.8	3376.1	3628.7	3907.0	4206.1	4574.1	4946.3	5327.4	5563.4	5762.8	5916.2
-45°	2800.7	3061.2	3298.0	3529.5	3802.3	4138.2	4476.3	4781.6	5002.6	5195.4	5344.7
-47.5°	2486.6	2738.0	2968.0	3174.9	3428.5	3708.7	3993.4	4247.5	4465.7	4656.1	4789.4
-50°	2193.8	2418.5	2643.0	2852.4	3072.1	3298.8	3529.8	3752.8	3959.9	4145.0	4258.4
-52.5°	1931.5	2138.8	2335.1	2518.2	2710.4	2901.9	3093.1	3297.4	3488.0	3663.2	3753.7
-55°	1694.2	1881.2	2058.3	2212.5	2366.7	2518.6	2682.5	2871.1	3046.6	3208.9	3273.9
-57.5°	1481.2	1641.2	1797.9	1928.3	2054.2	2175.1	2319.0	2478.1	2631.8	2770.9	2824.0
-60°	1285.3	1412.2	1543.3	1659.0	1768.7	1872.3	1997.8	2126.0	2250.6	2355.4	2400.7
-62.5°	1105.0	1213.6	1312.9	1406.9	1499.9	1593.2	1694.5	1796.2	1896.8	1977.6	2018.5
-65°	931.3	1017.7	1097.5	1174.8	1249.9	1328.2	1407.5	1484.8	1559.3	1617.1	1652.5
-67.5°	768.2	833.9	897.2	957.5	1020.2	1083.8	1145.8	1205.0	1260.9	1305.6	1339.4
-70°	623.5	674.4	724.0	773.8	826.3	875.6	922.4	966.7	1008.3	1040.5	1066.6
-72.5°	502.6	543.9	586.6	631.6	674.0	710.9	744.5	776.8	807.8	826.0	839.6
-75°	405.2	439.9	477.2	513.5	548.9	577.0	601.6	625.5	648.5	649.7	645.1
-77.5°	327.4	358.4	387.2	415.8	444.0	461.3	476.4	492.0	507.7	498.6	484.2
-80°	240.3	266.1	290.6	315.2	339.7	350.0	357.1	363.3	368.5	356.6	341.9
-82.5°	159.5	175.8	191.7	207.9	224.3	230.8	235.7	239.7	242.9	232.2	219.8
-85°	89.0	96.8	104.5	112.3	120.1	124.6	128.8	132.6	136.1	129.7	122.5
-87.5°	37.0	38.8	40.5	42.2	43.9	45.5	47.1	48.7	50.2	50.4	50.6
-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: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	29.2
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°	1.5	0.3	0.0	0.0	0.0	0.3	1.5	2.6	3.3	3.7	3.7
62.5°	9.3	9.8	10.1	10.2	10.1	9.8	9.3	8.9	8.6	9.1	9.7
60°	18.0	15.8	15.2	15.3	15.2	15.8	18.0	19.5	20.2	29.5	34.7
57.5°	141.0	120.7	123.8	137.4	123.8	120.7	141.0	152.7	153.5	178.2	179.2
55°	659.0	735.7	762.7	747.8	762.7	735.7	659.0	577.9	500.5	476.6	476.8
52.5°	892.9	924.3	936.5	936.1	936.5	924.3	892.9	850.8	797.5	744.8	693.3
50°	1162.4	1151.8	1135.4	1119.2	1135.4	1151.8	1162.4	1150.3	1110.3	1032.4	907.7
47.5°	1940.0	1906.4	1892.2	1917.9	1892.2	1906.4	1940.0	1918.2	1768.9	1575.1	1432.1
45°	2578.0	2617.4	2646.9	2645.4	2646.9	2617.4	2578.0	2545.0	2383.0	2161.1	1933.3
42.5°	2941.3	2962.3	2968.4	2960.8	2968.4	2962.3	2941.3	2904.6	2717.4	2480.4	2219.4
40°	3265.1	3290.1	3304.2	3316.9	3304.2	3290.1	3265.1	3216.8	3063.4	2842.7	2597.2
37.5°	3742.4	3751.6	3731.6	3718.8	3731.6	3751.6	3742.4	3712.0	3619.8	3338.0	3138.5
35°	4912.7	4936.6	4881.1	4939.8	4881.1	4936.6	4912.7	4792.6	4650.2	4483.1	4029.0
32.5°	6034.9	6147.3	6238.1	6313.3	6238.1	6147.3	6034.9	5920.2	5823.9	5501.6	4907.8
30°	6670.7	6743.2	6782.1	6791.5	6782.1	6743.2	6670.7	6581.4	6453.4	6041.3	5492.2
27.5°	7137.5	7213.5	7260.7	7295.2	7260.7	7213.5	7137.5	7054.9	6905.6	6485.1	5946.1
25°	7587.4	7656.8	7704.1	7722.5	7704.1	7656.8	7587.4	7503.4	7320.2	6964.9	6434.0
22.5°	8054.2	8102.5	8147.9	8170.2	8147.9	8102.5	8054.2	7955.9	7757.3	7473.8	6911.3
20°	8723.4	8697.2	8738.6	8724.7	8738.6	8697.2	8723.4	8573.1	8363.9	8068.5	7525.3
17.5°	10087.2	10101.3	10129.1	10174.6	10129.1	10101.3	10087.2	9887.9	9632.2	9365.3	8609.8
15°	11802.4	11836.9	12012.3	12168.8	12012.3	11836.9	11802.4	11609.6	11174.3	10789.2	9927.1
12.5°	12546.3	12665.8	12684.3	12728.4	12684.3	12665.8	12546.3	12274.4	11981.4	11490.3	10708.0
10°	12794.6	13001.4	12997.0	13048.9	12997.0	13001.4	12794.6	12558.0	12318.8	11899.9	11080.8
7.5°	12982.9	13205.1	13298.9	13338.9	13298.9	13205.1	12982.9	12822.6	12586.5	12180.6	11343.1
5°	13212.9	13335.1	13497.1	13450.8	13497.1	13335.1	13212.9	13011.8	12713.1	12281.7	11518.1
2.5°	13309.4	13500.7	13456.5	13501.7	13456.5	13500.7	13309.4	13038.0	12763.3	12416.2	11748.1
0°	13374.5	13511.8	13532.2	13578.0	13532.2	13511.8	13374.5	13104.8	12825.0	12489.3	11812.7
-2.5°	13295.6	13416.4	13628.2	13562.7	13628.2	13416.4	13295.6	13048.2	12782.0	12443.2	11834.5
-5°	13226.4	13523.9	13408.4	13552.5	13408.4	13523.9	13226.4	12963.0	12698.3	12332.1	11695.4
-7.5°	13190.7	13243.9	13320.6	13430.4	13320.6	13243.9	13190.7	12890.9	12601.3	12215.1	11570.1
-10°	12914.6	12969.0	13109.9	13186.2	13109.9	12969.0	12914.6	12777.2	12439.7	12029.6	11412.3
-12.5°	12615.2	12720.5	12868.4	12916.6	12868.4	12720.5	12615.2	12462.8	12221.6	11774.2	11160.6
-15°	12270.1	12426.7	12570.9	12601.2	12570.9	12426.7	12270.1	12090.2	11823.7	11459.7	10857.1
-17.5°	11831.5	12019.2	12170.7	12204.4	12170.7	12019.2	11831.5	11630.0	11368.0	11042.9	10551.7
-20°	11348.2	11527.9	11656.9	11695.7	11656.9	11527.9	11348.2	11137.1	10889.7	10577.3	10114.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10830.7	10992.5	11101.5	11085.2	11101.5	10992.5	10830.7	10621.1	10392.5	10108.0	9610.2
-25°	10281.3	10431.5	10535.3	10520.5	10535.3	10431.5	10281.3	10098.4	9871.7	9569.4	9123.6
-27.5°	9700.4	9842.7	9942.5	9945.6	9942.5	9842.7	9700.4	9524.4	9296.4	8991.8	8611.2
-30°	9090.1	9219.3	9300.3	9269.0	9300.3	9219.3	9090.1	8919.4	8707.7	8411.7	8010.3
-32.5°	8460.6	8577.4	8651.7	8673.8	8651.7	8577.4	8460.6	8312.2	8133.7	7862.6	7433.8
-35°	7839.6	7942.6	8006.8	8022.6	8006.8	7942.6	7839.6	7704.1	7530.2	7315.7	6892.2
-37.5°	7222.7	7311.3	7356.1	7335.9	7356.1	7311.3	7222.7	7098.0	6941.3	6756.9	6391.0
-40°	6613.0	6697.5	6748.8	6761.0	6748.8	6697.5	6613.0	6499.8	6354.1	6174.5	5880.9
-42.5°	6013.7	6083.9	6128.9	6150.5	6128.9	6083.9	6013.7	5916.2	5762.8	5563.4	5327.4
-45°	5431.9	5494.6	5536.9	5560.4	5536.9	5494.6	5431.9	5344.7	5195.4	5002.6	4781.6
-47.5°	4865.9	4921.0	4957.4	4975.4	4957.4	4921.0	4865.9	4789.4	4656.1	4465.7	4247.5
-50°	4324.7	4372.4	4406.4	4425.9	4406.4	4372.4	4324.7	4258.4	4145.0	3959.9	3752.8
-52.5°	3811.4	3853.1	3882.1	3896.9	3882.1	3853.1	3811.4	3753.7	3663.2	3488.0	3297.4
-55°	3321.3	3355.0	3381.8	3398.3	3381.8	3355.0	3321.3	3273.9	3208.9	3046.6	2871.1
-57.5°	2864.3	2891.9	2917.3	2935.4	2917.3	2891.9	2864.3	2824.0	2770.9	2631.8	2478.1
-60°	2436.5	2462.5	2484.1	2497.9	2484.1	2462.5	2436.5	2400.7	2355.4	2250.6	2126.0
-62.5°	2050.4	2073.5	2093.2	2106.1	2093.2	2073.5	2050.4	2018.5	1977.6	1896.8	1796.2
-65°	1680.3	1701.0	1715.7	1724.6	1715.7	1701.0	1680.3	1652.5	1617.1	1559.3	1484.8
-67.5°	1368.3	1392.1	1396.9	1393.9	1396.9	1392.1	1368.3	1339.4	1305.6	1260.9	1205.0
-70°	1089.9	1110.0	1114.7	1114.1	1114.7	1110.0	1089.9	1066.6	1040.5	1008.3	966.7
-72.5°	852.2	863.1	853.8	839.4	853.8	863.1	852.2	839.6	826.0	807.8	776.8
-75°	639.4	632.4	622.6	610.5	622.6	632.4	639.4	645.1	649.7	648.5	625.5
-77.5°	468.4	451.0	439.7	427.3	439.7	451.0	468.4	484.2	498.6	507.7	492.0
-80°	326.1	309.1	297.4	284.9	297.4	309.1	326.1	341.9	356.6	368.5	363.3
-82.5°	206.6	192.6	185.5	178.1	185.5	192.6	206.6	219.8	232.2	242.9	239.7
-85°	114.7	106.4	101.7	96.7	101.7	106.4	114.7	122.5	129.7	136.1	132.6
-87.5°	50.7	50.8	48.3	45.8	48.3	50.8	50.7	50.6	50.4	50.2	48.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	28.0	26.7	25.4	24.1	22.9	21.6	20.3	19.1	17.8	16.6	15.3
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	0.4	0.6	0.3	0.0	0.5
67.5°	0.0	0.0	0.9	2.1	2.6	2.6	2.3	2.6	3.0	2.8	2.6
65°	3.1	1.9	1.2	2.5	3.8	5.1	5.4	4.7	4.6	5.3	6.3
62.5°	10.3	10.7	9.3	7.8	6.7	7.4	8.1	8.7	7.6	6.0	7.9
60°	30.7	18.7	27.2	29.1	23.2	20.1	30.1	28.6	14.9	12.9	11.6
57.5°	147.6	123.5	135.5	123.2	84.3	73.6	76.3	72.8	65.9	40.3	17.2
55°	508.7	436.0	342.5	295.8	284.9	217.9	162.5	135.6	123.0	88.8	58.8
52.5°	646.2	600.8	530.0	432.5	380.5	361.0	308.6	246.9	196.2	156.9	112.7
50°	810.3	822.4	749.7	614.8	561.5	503.7	452.9	381.5	317.2	254.4	187.8
47.5°	1321.8	1231.3	1158.5	1057.7	866.5	744.4	664.2	547.3	459.2	383.2	301.0
45°	1762.3	1658.7	1587.5	1431.3	1228.1	1039.3	913.2	766.6	610.6	509.0	434.4
42.5°	2075.2	1941.1	1824.2	1696.7	1502.6	1289.6	1116.6	971.6	807.7	642.9	543.6
40°	2381.4	2168.9	2052.9	1938.8	1755.8	1516.9	1382.2	1169.2	998.0	815.3	679.8
37.5°	2838.1	2476.6	2435.7	2325.8	2118.8	1870.2	1718.7	1508.6	1191.0	1018.8	863.0
35°	3609.9	3237.5	3022.5	2914.8	2646.5	2329.7	2080.2	1884.0	1568.9	1229.7	1050.2
32.5°	4460.4	3989.1	3662.9	3509.1	3221.1	2791.4	2483.5	2234.0	1917.7	1533.9	1245.9
30°	4940.6	4510.8	4117.9	3855.1	3575.2	3205.7	2852.5	2500.1	2156.8	1839.1	1458.0
27.5°	5387.5	4851.6	4427.9	4131.4	3869.3	3514.1	3123.2	2745.6	2368.3	2054.4	1714.5
25°	5813.3	5219.4	4757.7	4409.5	4104.8	3823.6	3381.7	2969.0	2575.5	2228.7	1962.7
22.5°	6209.9	5658.7	5126.7	4671.4	4413.2	4111.4	3675.7	3175.8	2791.4	2499.7	2186.7
20°	6863.2	6246.1	5572.5	5178.5	4938.4	4472.1	3979.2	3484.9	3131.7	2797.8	2429.7
17.5°	7939.9	7170.0	6364.5	5942.6	5602.6	5030.7	4402.6	3912.2	3471.3	3099.1	2694.0
15°	9118.8	8127.6	7329.5	6784.6	6246.0	5576.0	4849.0	4319.2	3818.2	3399.4	2936.9
12.5°	9701.5	8757.8	8051.8	7283.9	6588.9	5982.0	5294.0	4709.9	4141.3	3595.6	3087.2
10°	10049.1	9111.4	8312.8	7546.3	6849.7	6265.6	5626.6	4934.6	4303.0	3725.4	3212.5
7.5°	10319.5	9353.3	8502.8	7739.7	7033.9	6417.8	5806.2	5080.8	4432.2	3830.4	3313.1
5°	10506.7	9541.9	8679.4	7907.9	7164.9	6526.9	5939.6	5191.4	4528.6	3910.0	3389.4
2.5°	10699.7	9688.3	8790.0	8016.6	7248.3	6596.1	6020.3	5275.9	4606.9	3969.1	3453.1
0°	10774.9	9772.7	8867.1	8073.5	7295.2	6623.6	6043.7	5331.5	4660.0	4003.7	3495.0
-2.5°	10823.3	9800.3	8897.3	8110.4	7357.1	6667.1	6070.0	5393.9	4676.8	4040.9	3506.7
-5°	10749.8	9767.8	8872.0	8079.9	7358.4	6670.5	6051.7	5403.1	4672.5	4050.8	3497.6
-7.5°	10659.6	9681.7	8775.7	7998.7	7305.3	6624.6	5996.9	5362.6	4656.5	4034.6	3480.4
-10°	10507.2	9544.3	8681.9	7914.3	7212.0	6526.6	5917.2	5285.9	4604.5	3988.4	3440.0
-12.5°	10303.8	9370.9	8519.2	7760.0	7086.3	6425.7	5828.9	5179.8	4515.8	3911.5	3376.0
-15°	10035.1	9143.9	8317.6	7577.6	6926.1	6294.4	5698.0	5062.4	4429.3	3816.7	3288.3
-17.5°	9741.0	8844.4	8030.8	7333.6	6715.5	6116.7	5531.6	4939.2	4329.6	3727.8	3209.2
-20°	9407.3	8526.7	7720.7	7044.9	6461.7	5894.4	5353.3	4801.3	4191.2	3625.5	3126.3



REPORT NUMBER: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8926.9	8149.2	7410.1	6747.5	6190.0	5670.7	5149.7	4615.9	4011.7	3497.4	3013.4
-25°	8452.1	7728.9	7064.6	6455.6	5917.2	5424.1	4917.2	4388.2	3852.0	3346.8	2875.3
-27.5°	7987.4	7317.6	6655.8	6108.3	5624.8	5143.0	4666.8	4166.3	3672.7	3177.5	2745.6
-30°	7485.8	6859.3	6262.5	5748.7	5291.0	4845.3	4416.9	3949.7	3464.0	2994.1	2605.7
-32.5°	6934.8	6385.0	5859.1	5375.3	4947.4	4552.6	4146.1	3703.2	3223.2	2822.7	2443.6
-35°	6400.1	5892.6	5438.7	5012.0	4623.6	4262.3	3868.8	3425.2	3003.8	2627.9	2260.8
-37.5°	5921.5	5427.2	5006.8	4639.2	4314.8	3972.2	3579.8	3186.2	2790.0	2411.1	2090.7
-40°	5426.3	4965.0	4591.7	4292.9	3982.4	3674.0	3328.6	2962.7	2571.8	2201.6	1923.8
-42.5°	4946.3	4574.1	4206.1	3907.0	3628.7	3376.1	3084.8	2715.3	2356.0	2034.4	1767.5
-45°	4476.3	4138.2	3802.3	3529.5	3298.0	3061.2	2800.7	2464.9	2142.2	1866.1	1614.3
-47.5°	3993.4	3708.7	3428.5	3174.9	2968.0	2738.0	2486.6	2202.2	1937.6	1688.8	1465.8
-50°	3529.8	3298.8	3072.1	2852.4	2643.0	2418.5	2193.8	1964.2	1728.2	1511.3	1309.0
-52.5°	3093.1	2901.9	2710.4	2518.2	2335.1	2138.8	1931.5	1727.3	1519.7	1338.5	1157.8
-55°	2682.5	2518.6	2366.7	2212.5	2058.3	1881.2	1694.2	1510.2	1344.6	1178.1	1030.8
-57.5°	2319.0	2175.1	2054.2	1928.3	1797.9	1641.2	1481.2	1325.8	1188.3	1050.5	914.2
-60°	1997.8	1872.3	1768.7	1659.0	1543.3	1412.2	1285.3	1162.1	1043.3	930.9	813.5
-62.5°	1694.5	1593.2	1499.9	1406.9	1312.9	1213.6	1105.0	1005.7	913.6	819.0	712.7
-65°	1407.5	1328.2	1249.9	1174.8	1097.5	1017.7	931.3	852.7	777.5	700.6	608.8
-67.5°	1145.8	1083.8	1020.2	957.5	897.2	833.9	768.2	702.6	641.3	578.6	504.1
-70°	922.4	875.6	826.3	773.8	724.0	674.4	623.5	570.5	514.5	463.3	412.2
-72.5°	744.5	710.9	674.0	631.6	586.6	543.9	502.6	461.3	418.7	374.9	330.3
-75°	601.6	577.0	548.9	513.5	477.2	439.9	405.2	369.6	330.7	288.2	246.8
-77.5°	476.4	461.3	444.0	415.8	387.2	358.4	327.4	288.6	249.0	209.8	175.6
-80°	357.1	350.0	339.7	315.2	290.6	266.1	240.3	206.4	172.7	141.1	115.7
-82.5°	235.7	230.8	224.3	207.9	191.7	175.8	159.5	135.9	113.4	92.0	73.2
-85°	128.8	124.6	120.1	112.3	104.5	96.8	89.0	76.0	63.8	52.4	42.2
-87.5°	47.1	45.5	43.9	42.2	40.5	38.8	37.0	33.2	29.4	25.9	22.4
-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: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	14.0	12.8	11.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7	2.7
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.8	1.5
82.5°	0.0	0.0	0.0	0.1	0.8	1.3	1.5	1.4	0.7	0.1	0.4
80°	0.0	0.0	0.0	0.1	1.3	2.7	3.4	3.5	2.7	1.8	1.0
77.5°	0.0	0.0	0.0	0.0	0.5	1.5	2.9	4.6	4.6	3.6	2.5
75°	0.0	0.0	0.0	0.2	0.3	0.1	1.1	2.7	4.1	5.0	4.0
72.5°	0.0	0.0	0.0	0.6	1.4	1.4	0.8	0.9	2.9	4.3	5.0
70°	0.7	0.3	0.0	0.8	2.1	3.1	2.9	2.3	1.9	3.7	4.8
67.5°	2.4	2.6	1.9	1.4	2.3	3.5	4.8	4.6	3.9	3.3	4.7
65°	5.9	5.5	5.0	4.4	3.8	3.8	5.0	6.3	5.9	5.1	4.7
62.5°	8.9	8.9	8.2	7.4	6.6	5.8	5.3	7.0	7.7	6.9	5.8
60°	11.5	12.0	11.4	10.4	9.4	8.3	7.6	8.0	8.9	8.6	7.3
57.5°	15.8	15.4	15.2	13.8	12.2	10.9	10.2	10.0	10.2	10.1	8.8
55°	27.9	19.4	19.6	18.1	15.6	13.4	12.9	12.4	11.8	11.6	10.3
52.5°	70.7	39.2	25.2	23.2	20.2	16.6	15.5	14.8	14.0	13.3	11.8
50°	130.5	84.5	47.8	30.0	25.5	21.8	18.1	17.2	16.1	15.1	13.3
47.5°	208.8	145.2	94.4	47.3	33.0	27.2	22.6	19.5	18.3	17.0	14.7
45°	321.7	214.0	148.4	93.7	44.0	37.6	28.0	21.9	20.4	18.8	16.1
42.5°	447.6	314.0	208.2	141.6	84.0	52.0	33.5	26.6	22.5	20.6	17.6
40°	571.0	433.9	279.6	195.2	126.8	69.8	48.2	31.7	24.6	22.6	19.3
37.5°	707.7	560.8	391.7	252.5	170.4	106.5	66.1	37.0	28.0	24.8	21.1
35°	876.6	701.6	503.8	336.4	225.7	140.6	85.9	47.0	34.4	27.0	22.9
32.5°	1045.3	842.1	625.1	433.9	283.4	172.0	111.7	67.1	41.9	29.3	24.8
30°	1215.1	970.8	739.2	524.2	349.9	222.4	139.6	86.7	50.5	31.8	26.8
27.5°	1368.1	1092.3	846.1	618.6	427.9	275.7	168.7	105.6	60.0	36.0	28.8
25°	1540.8	1223.6	951.2	708.8	499.1	331.2	198.6	124.1	74.0	43.4	30.8
22.5°	1763.0	1358.5	1048.7	790.6	569.7	384.3	237.0	148.6	89.3	51.1	32.8
20°	1983.9	1490.2	1144.1	893.0	646.5	444.1	281.5	172.9	103.8	59.2	34.8
17.5°	2200.7	1659.1	1283.0	997.6	728.7	500.0	323.0	196.8	117.5	67.4	36.7
15°	2395.2	1852.5	1419.6	1096.6	809.1	551.7	361.3	220.1	130.3	75.6	39.3
12.5°	2558.4	2019.3	1548.2	1189.2	886.6	599.0	396.4	242.4	142.2	84.8	42.8
10°	2693.3	2160.4	1667.4	1274.8	959.8	641.4	428.0	264.7	156.0	94.5	46.5
7.5°	2801.1	2276.9	1775.8	1352.5	1026.2	681.2	462.0	288.1	169.5	103.7	50.3
5°	2882.2	2367.8	1859.6	1408.3	1079.0	717.7	493.4	309.7	182.0	112.3	54.0
2.5°	2934.9	2434.7	1921.8	1451.9	1122.0	748.4	520.9	329.1	193.3	120.2	57.6
0°	2965.9	2482.6	1968.8	1485.5	1154.8	773.3	544.3	345.9	203.5	127.2	61.0
-2.5°	2993.6	2514.0	2009.8	1544.0	1177.3	814.1	559.3	361.1	219.6	132.2	67.2
-5°	3002.8	2527.8	2036.7	1589.1	1190.9	847.2	569.8	373.5	233.6	136.3	72.9
-7.5°	2987.3	2519.5	2046.1	1614.7	1197.3	870.5	575.9	383.2	245.1	139.5	77.9
-10°	2952.9	2492.2	2033.7	1607.0	1205.9	877.9	579.5	390.3	253.5	141.8	82.0
-12.5°	2901.9	2451.0	2006.9	1589.9	1204.4	873.2	589.1	395.9	257.8	143.4	85.0
-15°	2835.1	2397.2	1966.0	1564.7	1190.0	862.7	591.5	397.9	257.3	146.4	86.9
-17.5°	2756.4	2331.8	1911.3	1532.6	1161.8	846.9	586.1	395.4	254.7	150.8	88.8
-20°	2677.6	2259.2	1846.3	1494.7	1119.2	826.3	572.5	388.2	250.1	153.6	90.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	2585.3	2175.8	1790.2	1441.7	1073.1	801.5	550.2	375.8	243.4	154.9	91.4
-25°	2479.2	2078.5	1722.6	1368.9	1036.9	773.5	527.1	358.2	234.7	154.4	91.2
-27.5°	2359.2	1974.6	1643.2	1289.2	999.1	734.4	505.3	345.4	227.4	152.3	89.8
-30°	2225.4	1876.7	1548.1	1212.5	953.0	692.2	476.7	330.9	224.1	149.4	87.3
-32.5°	2081.2	1766.4	1445.9	1154.1	900.6	648.3	451.5	314.6	218.5	145.8	87.4
-35°	1945.8	1646.5	1341.6	1086.7	845.1	622.3	434.7	296.5	210.6	140.7	87.9
-37.5°	1800.9	1520.7	1259.1	1016.4	786.6	592.5	421.0	288.4	200.4	134.3	87.6
-40°	1661.5	1401.4	1163.5	949.4	743.2	558.9	399.5	279.3	190.6	126.3	86.4
-42.5°	1520.5	1289.2	1072.1	876.5	702.4	526.4	372.0	265.5	182.7	121.8	84.4
-45°	1390.6	1173.4	974.8	812.9	657.0	484.8	350.8	248.1	173.0	118.5	82.6
-47.5°	1254.0	1055.5	886.0	743.4	597.6	439.5	323.9	234.4	161.3	114.2	81.4
-50°	1113.2	943.8	802.9	666.9	525.0	401.8	295.1	218.0	157.1	110.8	79.4
-52.5°	989.9	845.7	717.9	588.2	470.1	357.6	273.3	200.5	151.6	108.0	76.6
-55°	883.7	752.5	634.1	523.7	417.8	325.2	248.6	192.1	144.7	104.4	73.1
-57.5°	789.9	666.0	565.4	466.2	374.2	293.9	231.2	182.2	137.5	99.5	70.1
-60°	698.6	596.9	502.9	414.5	333.5	266.9	217.7	170.8	128.9	93.3	66.6
-62.5°	614.3	524.8	442.9	363.1	297.0	245.0	202.1	157.5	118.7	85.6	62.1
-65°	525.9	449.5	380.4	317.7	263.9	219.2	182.0	142.4	105.4	76.2	56.3
-67.5°	433.9	377.9	323.9	271.7	227.7	190.2	158.9	122.3	89.7	65.4	49.4
-70°	361.4	312.1	266.3	225.3	189.5	158.8	129.8	98.9	72.4	56.0	42.1
-72.5°	287.6	247.4	210.0	177.3	151.8	125.8	99.4	75.7	60.0	46.2	34.4
-75°	212.9	185.7	161.3	138.6	115.6	92.9	75.8	60.2	47.3	36.0	29.0
-77.5°	154.5	134.9	116.9	102.5	86.7	71.6	57.2	44.1	35.8	29.8	24.4
-80°	105.0	94.6	84.7	74.6	61.9	49.9	41.3	34.0	28.8	24.0	19.7
-82.5°	66.1	60.6	55.6	50.6	43.2	36.5	30.6	25.6	21.7	18.1	16.0
-85°	39.2	36.2	33.4	30.5	26.4	22.8	21.0	19.5	17.8	16.2	14.5
-87.5°	22.1	21.8	21.4	21.1	20.0	19.1	18.2	17.4	15.9	14.5	13.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.5	3.8

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Scaled Data Report



REPORT NUMBER: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.2	8.9	7.7	6.4	5.1	5.1	5.1
87.5°	3.8	4.3	4.7	4.9	5.1	5.1	5.1
85°	2.5	3.5	4.2	4.8	5.1	5.1	5.1
82.5°	1.2	2.7	3.8	4.6	5.1	5.1	5.1
80°	0.3	1.9	3.4	4.5	5.1	5.1	5.1
77.5°	1.6	1.7	3.0	4.3	5.1	5.1	5.1
75°	2.9	2.5	2.8	4.2	5.1	5.1	5.1
72.5°	4.1	3.3	3.2	4.1	5.1	5.1	5.1
70°	5.1	4.1	3.7	4.1	5.1	5.1	5.1
67.5°	5.3	4.8	4.1	4.3	5.1	5.1	5.1
65°	5.5	5.3	4.4	4.4	5.1	5.1	5.1
62.5°	5.7	5.7	4.8	4.6	5.1	5.1	5.1
60°	6.1	6.1	5.1	4.7	5.1	5.1	5.1
57.5°	7.3	6.6	5.6	4.8	5.2	5.1	5.1
55°	8.6	7.1	6.1	4.9	5.2	5.1	5.1
52.5°	9.8	7.8	6.6	5.0	5.3	5.1	5.1
50°	11.1	8.8	7.2	5.1	5.4	5.1	5.1
47.5°	12.3	9.9	7.8	5.2	5.6	5.1	5.1
45°	13.5	10.9	8.4	5.7	5.7	5.1	5.1
42.5°	14.6	11.8	9.0	6.2	5.9	5.1	5.1
40°	15.8	12.8	9.7	6.8	6.1	5.1	5.1
37.5°	16.9	13.7	10.5	7.5	6.3	5.1	5.1
35°	17.9	14.6	11.2	8.1	6.5	5.1	5.1
32.5°	19.1	15.4	11.9	8.8	6.7	5.1	5.1
30°	20.6	16.2	12.5	9.4	7.0	5.1	5.1
27.5°	22.1	17.0	13.3	10.0	7.2	5.1	5.1
25°	23.6	17.7	14.1	10.6	7.5	5.1	5.1
22.5°	25.1	18.5	14.9	11.2	7.8	5.1	5.1
20°	26.5	19.4	15.6	11.7	8.0	5.1	5.1
17.5°	28.0	20.3	16.3	12.3	8.3	5.1	5.1
15°	29.4	21.2	17.0	12.8	8.6	5.1	5.1
12.5°	30.7	22.0	17.6	13.3	8.9	5.1	5.1
10°	31.9	22.8	18.2	13.7	9.2	5.1	5.1
7.5°	33.0	23.5	18.8	14.2	9.5	5.1	5.1
5°	34.0	24.2	19.3	14.6	9.7	5.1	5.1
2.5°	34.9	24.8	19.8	14.9	10.0	5.1	5.1
0°	35.6	25.4	20.3	15.3	10.2	5.1	5.1
-2.5°	37.6	25.9	20.7	15.3	10.2	5.1	5.1
-5°	39.4	26.4	21.1	15.2	10.2	5.1	5.1
-7.5°	41.0	26.9	21.4	15.2	10.1	5.1	5.1
-10°	42.3	27.3	21.7	15.1	10.0	5.1	5.1
-12.5°	43.3	27.6	21.8	14.9	10.0	5.1	5.1
-15°	43.9	27.9	21.9	14.8	9.9	5.1	5.1
-17.5°	44.1	28.1	21.9	14.6	9.7	5.1	5.1
-20°	45.3	28.3	21.7	14.4	9.6	5.1	5.1

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REPORT NUMBER: P627580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	48.2	28.4	21.5	14.1	9.4	5.1	5.1
-25°	50.6	30.2	21.1	13.9	9.2	5.1	5.1
-27.5°	52.4	32.6	20.6	13.6	9.0	5.1	5.1
-30°	53.7	34.6	20.1	13.2	8.8	5.1	5.1
-32.5°	54.3	36.3	20.9	12.9	8.6	5.1	5.1
-35°	55.8	37.7	21.4	12.5	8.4	5.1	5.1
-37.5°	57.3	38.5	21.8	12.1	8.1	5.1	5.1
-40°	58.2	38.8	21.9	11.7	7.8	5.1	5.1
-42.5°	58.5	38.8	22.1	11.5	7.5	5.1	5.1
-45°	58.2	38.6	22.2	11.5	7.2	5.1	5.1
-47.5°	57.3	38.0	22.0	11.5	6.9	5.1	5.1
-50°	56.1	37.1	21.6	11.3	6.6	5.1	5.1
-52.5°	54.6	36.0	21.0	11.1	6.2	5.1	5.1
-55°	52.6	34.5	20.1	10.8	5.8	5.1	5.1
-57.5°	50.3	32.6	18.9	10.4	5.5	5.1	5.1
-60°	47.6	30.4	17.6	9.9	5.1	5.1	5.1
-62.5°	43.7	27.8	16.6	9.4	5.1	5.1	5.1
-65°	39.4	24.9	15.6	8.8	5.1	5.1	5.1
-67.5°	34.6	22.4	14.4	8.1	5.1	5.1	5.1
-70°	29.5	20.3	13.1	7.4	5.1	5.1	5.1
-72.5°	26.0	18.1	11.6	7.2	5.1	5.1	5.1
-75°	22.7	15.8	10.2	7.1	5.1	5.1	5.1
-77.5°	19.2	13.4	9.6	7.1	5.1	5.1	5.1
-80°	15.5	12.0	9.3	7.0	5.1	5.1	5.1
-82.5°	14.0	11.3	8.9	6.8	5.1	5.1	5.1
-85°	12.8	10.5	8.5	6.7	5.1	5.1	5.1
-87.5°	11.5	9.7	8.1	6.5	5.1	5.1	5.1
-90°	5.1	5.1	5.1	5.1	5.1	5.1	5.1

(END OF REPORT)