

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: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627100 (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-SA3B-735-U-VWR-VSR-XX
 Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7
 WITH VISOR
 Light Source: (48) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: -

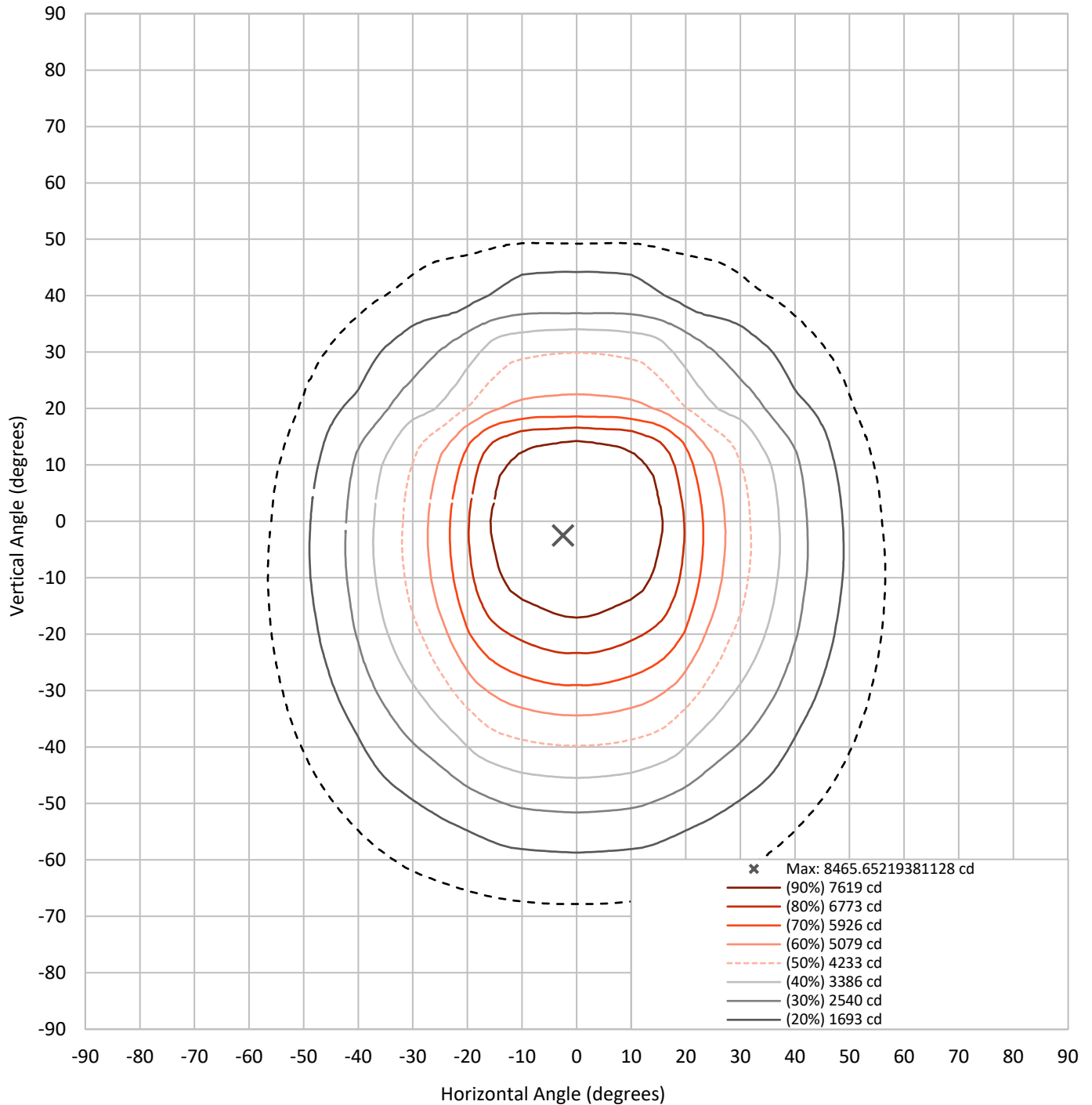
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11297.7 lumens	Max Intensity:	8465.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	120.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	6536.5 lumens	Field Lumens:	10720.8 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
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		



REPORT NUMBER: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





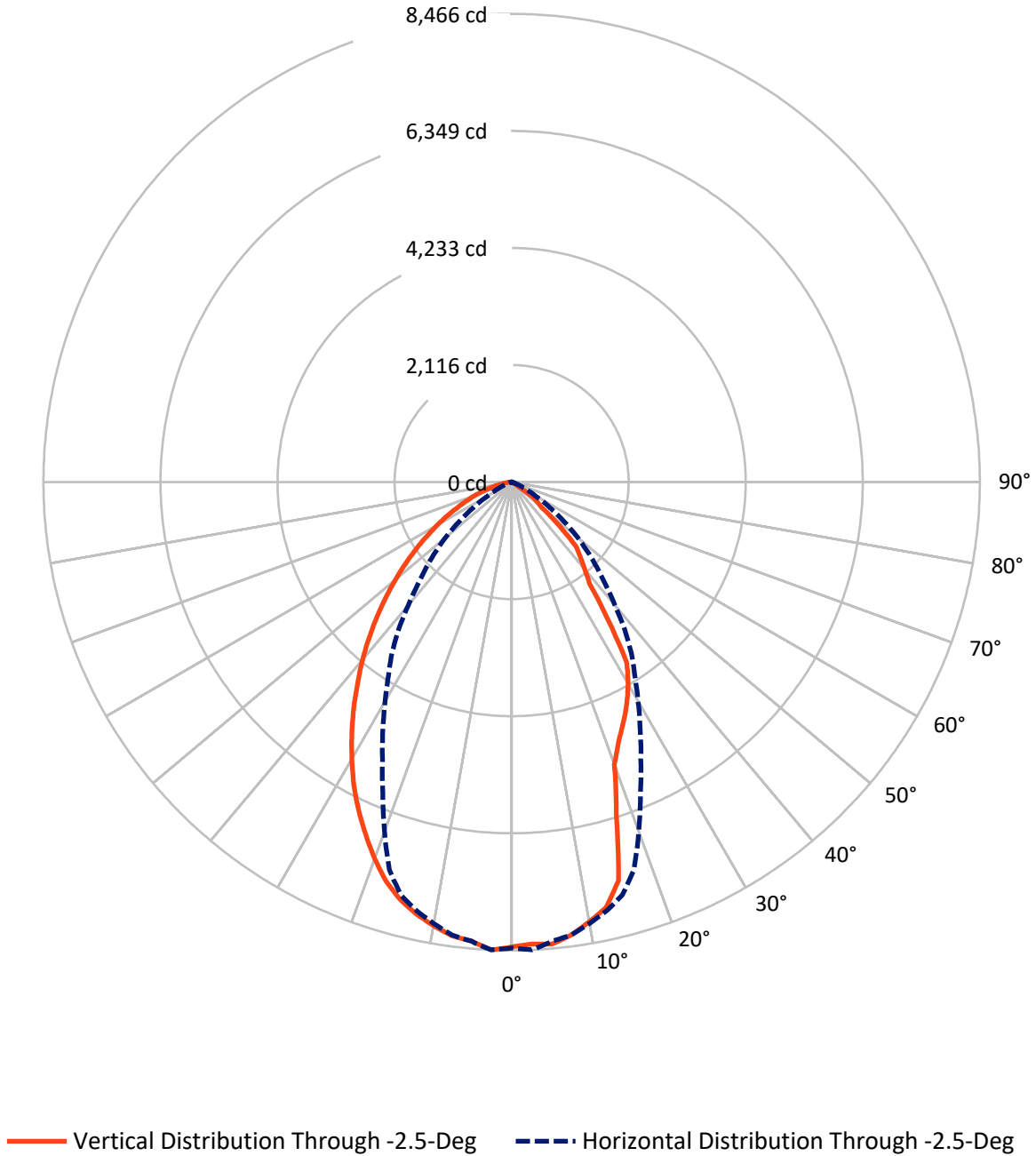
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Lumen Table

90																			
80	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0					
70																			
60	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1				
50		0.1	0.2	1.0	3.1	5.9	8.8	11.0	11.0	8.8	5.9	3.1	1.0	0.2		0.1			
40	0.2	0.2	1.3	5.8	14.0	25.2	37.2	45.6	45.6	37.2	25.2	14.0	5.8	1.3	0.2	0.2			
30		0.5	4.2	14.7	32.7	53.1	79.6	93.1	93.1	79.6	53.1	32.7	14.7	4.2	0.5				
20	0.3	1.2	8.1	26.0	52.8	83.7	125.5	144.2	144.2	125.5	83.7	52.8	26.0	8.1	1.2	0.3			
10		2.1	12.5	38.5	76.0	125.1	186.2	213.6	213.6	186.2	125.1	76.0	38.5	12.5	2.1				
0	0.6	2.9	16.2	45.7	90.9	149.5	219.9	249.5	249.5	219.9	149.5	90.9	45.7	16.2	2.9	0.6			
-10		3.5	17.9	47.5	93.3	152.9	221.5	250.5	250.5	221.5	152.9	93.3	47.5	17.9	3.5				
-20	0.7	3.6	17.4	44.9	88.0	143.2	205.6	232.3	232.3	205.6	143.2	88.0	44.9	17.4	3.6	0.7			
-30		3.3	15.3	39.2	76.0	121.7	172.4	195.2	195.2	172.4	121.7	76.0	39.2	15.3	3.3				
-40	0.7	2.8	12.2	30.8	59.8	93.9	131.6	149.0	149.0	131.6	93.9	59.8	30.8	12.2	2.8	0.7			
-50		2.2	9.0	22.0	42.8	66.0	91.1	103.4	103.4	91.1	66.0	42.8	22.0	9.0	2.2				
-60	0.5	1.7	5.9	14.1	26.6	41.0	55.7	63.5	63.5	55.7	41.0	26.6	14.1	5.9	1.7	0.5			
-70		1.2	3.6	8.2	14.6	21.7	28.8	32.6	32.6	28.8	21.7	14.6	8.2	3.6	1.2				
-80	0.2	2.6	12.2	26.6	29.7	26.6	12.2	2.6	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

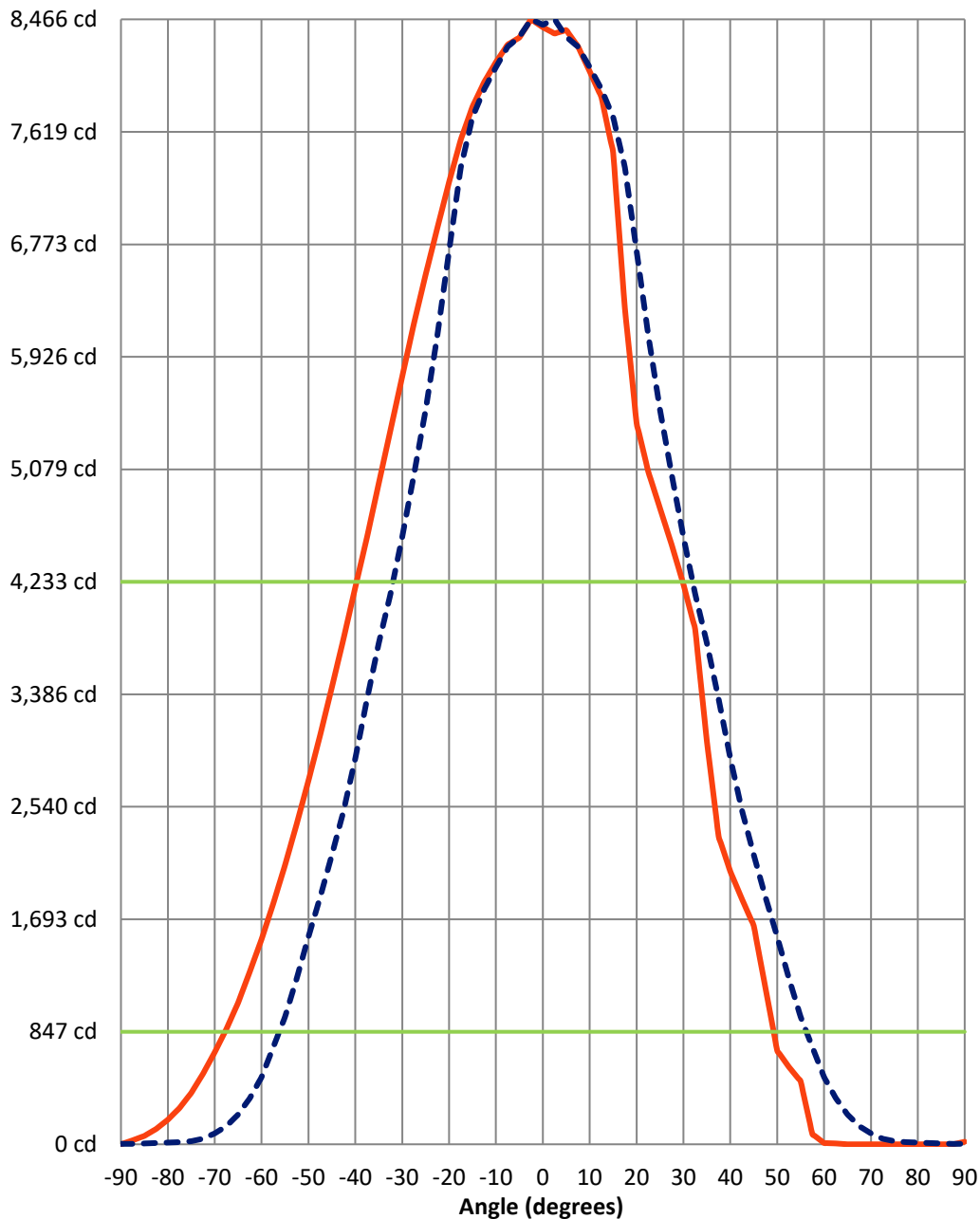
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 6536.5
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 10720.8
 Efficiency: 94.9%

Spill:
 Lumens: 576.9
 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°	3.2	3.2	3.2	4.0	4.8	5.5	6.3	7.1	7.9	8.7	9.5
87.5°	3.2	3.2	3.2	3.1	2.9	2.7	2.4	1.7	1.1	0.5	0.0
85°	3.2	3.2	3.2	3.0	2.6	2.2	1.6	1.0	0.5	0.2	0.0
82.5°	3.2	3.2	3.2	2.9	2.4	1.7	0.8	0.2	0.1	0.5	0.8
80°	3.2	3.2	3.2	2.8	2.1	1.2	0.2	0.6	1.2	1.7	2.2
77.5°	3.2	3.2	3.2	2.7	1.9	1.1	1.0	1.6	2.2	2.9	2.9
75°	3.2	3.2	3.2	2.6	1.8	1.6	1.8	2.5	3.2	2.6	1.7
72.5°	3.2	3.2	3.2	2.6	2.0	2.1	2.6	3.2	2.7	1.9	0.6
70°	3.2	3.2	3.2	2.6	2.3	2.5	3.2	3.0	2.3	1.2	1.5
67.5°	3.2	3.2	3.2	2.7	2.6	3.0	3.3	2.9	2.1	2.5	2.8
65°	3.2	3.2	3.2	2.8	2.8	3.3	3.4	2.9	3.2	3.7	3.9
62.5°	3.2	3.2	3.2	2.9	3.0	3.6	3.6	3.6	4.3	4.8	4.4
60°	3.2	3.2	3.2	3.0	3.2	3.8	3.8	4.5	5.3	5.5	5.0
57.5°	3.2	3.2	3.2	3.0	3.5	4.1	4.5	5.5	6.3	6.4	6.2
55°	3.2	3.2	3.3	3.1	3.8	4.4	5.3	6.4	7.2	7.4	7.7
52.5°	3.2	3.2	3.3	3.1	4.1	4.8	6.1	7.3	8.3	8.7	9.1
50°	3.2	3.2	3.4	3.2	4.5	5.5	6.9	8.2	9.4	10.0	10.6
47.5°	3.2	3.2	3.5	3.3	4.8	6.1	7.6	9.1	10.6	11.3	12.1
45°	3.2	3.2	3.6	3.6	5.2	6.7	8.4	10.0	11.6	12.7	13.6
42.5°	3.2	3.2	3.7	3.8	5.6	7.3	9.1	10.9	12.8	14.0	16.5
40°	3.2	3.2	3.8	4.2	6.0	7.9	9.8	12.0	14.1	15.3	19.7
37.5°	3.2	3.2	3.9	4.6	6.5	8.5	10.5	13.1	15.4	17.4	23.0
35°	3.2	3.2	4.0	5.0	6.9	9.0	11.1	14.3	16.8	21.4	29.2
32.5°	3.2	3.2	4.2	5.4	7.4	9.6	11.8	15.4	18.2	26.1	41.7
30°	3.2	3.2	4.3	5.8	7.8	10.1	12.8	16.7	19.7	31.4	53.9
27.5°	3.2	3.2	4.5	6.2	8.3	10.6	13.7	17.9	22.4	37.3	65.6
25°	3.2	3.2	4.7	6.6	8.8	11.0	14.7	19.1	26.9	46.0	77.1
22.5°	3.2	3.2	4.8	6.9	9.2	11.5	15.6	20.4	31.8	55.5	92.3
20°	3.2	3.2	5.0	7.3	9.7	12.1	16.5	21.6	36.8	64.5	107.4
17.5°	3.2	3.2	5.2	7.6	10.1	12.6	17.4	22.8	41.9	73.0	122.3
15°	3.2	3.2	5.3	7.9	10.5	13.2	18.3	24.4	47.0	81.0	136.7
12.5°	3.2	3.2	5.5	8.2	10.9	13.7	19.1	26.6	52.7	88.4	150.6
10°	3.2	3.2	5.7	8.5	11.3	14.1	19.9	28.9	58.7	97.0	164.4
7.5°	3.2	3.2	5.8	8.8	11.7	14.6	20.5	31.3	64.4	105.3	179.0
5°	3.2	3.2	6.0	9.0	12.0	15.0	21.1	33.6	69.8	113.0	192.4
2.5°	3.2	3.2	6.2	9.3	12.3	15.4	21.6	35.8	74.7	120.1	204.5
0°	3.2	3.2	6.3	9.5	12.6	15.8	22.1	37.9	79.0	126.4	214.9
-2.5°	3.2	3.2	6.3	9.5	12.6	15.8	22.1	37.9	79.0	126.4	214.9
-5°	3.2	3.2	6.3	9.5	13.1	16.4	24.5	45.3	84.7	145.1	232.0
-7.5°	3.2	3.2	6.2	9.4	13.3	16.7	25.4	48.4	86.6	152.3	238.0
-10°	3.2	3.2	6.2	9.4	13.5	17.0	26.3	50.9	88.1	157.5	242.4
-12.5°	3.2	3.2	6.2	9.3	13.6	17.2	26.9	52.8	89.1	160.2	245.9
-15°	3.2	3.2	6.1	9.2	13.6	17.3	27.3	54.0	91.0	159.9	247.2
-17.5°	3.2	3.2	6.0	9.1	13.6	17.5	27.4	55.2	93.7	158.3	245.6
-20°	3.2	3.2	5.9	8.9	13.5	17.6	28.1	56.3	95.5	155.4	241.1

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Scaled Data Report



REPORT NUMBER: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	3.2	3.2	5.8	8.8	13.4	17.7	29.9	56.8	96.2	151.2	233.5
-25°	3.2	3.2	5.7	8.6	13.1	18.8	31.4	56.6	96.0	145.9	222.6
-27.5°	3.2	3.2	5.6	8.4	12.8	20.3	32.6	55.8	94.6	141.3	214.6
-30°	3.2	3.2	5.5	8.2	12.5	21.6	33.4	54.2	92.8	139.2	205.6
-32.5°	3.2	3.2	5.3	8.0	13.0	22.6	33.8	54.3	90.6	135.7	195.5
-35°	3.2	3.2	5.2	7.8	13.3	23.4	34.7	54.6	87.4	130.8	184.2
-37.5°	3.2	3.2	5.0	7.5	13.5	23.9	35.6	54.4	83.4	124.5	179.2
-40°	3.2	3.2	4.8	7.2	13.6	24.1	36.2	53.7	78.4	118.4	173.5
-42.5°	3.2	3.2	4.7	7.1	13.7	24.1	36.4	52.4	75.6	113.5	164.9
-45°	3.2	3.2	4.5	7.1	13.8	24.0	36.2	51.3	73.6	107.4	154.1
-47.5°	3.2	3.2	4.3	7.1	13.7	23.6	35.6	50.6	70.9	100.2	145.6
-50°	3.2	3.2	4.1	7.0	13.4	23.1	34.9	49.3	68.9	97.6	135.4
-52.5°	3.2	3.2	3.9	6.9	13.0	22.4	33.9	47.6	67.1	94.2	124.5
-55°	3.2	3.2	3.7	6.7	12.5	21.4	32.7	45.4	64.9	89.9	119.4
-57.5°	3.2	3.2	3.4	6.4	11.8	20.3	31.3	43.5	61.8	85.4	113.2
-60°	3.2	3.2	3.2	6.2	10.9	18.9	29.6	41.4	58.0	80.1	106.1
-62.5°	3.2	3.2	3.2	5.8	10.3	17.3	27.2	38.6	53.2	73.7	97.8
-65°	3.2	3.2	3.2	5.5	9.7	15.5	24.5	35.0	47.4	65.5	88.5
-67.5°	3.2	3.2	3.2	5.0	8.9	13.9	21.6	30.7	40.7	55.7	76.0
-70°	3.2	3.2	3.2	4.6	8.1	12.7	18.4	26.2	34.8	45.0	61.5
-72.5°	3.2	3.2	3.2	4.5	7.2	11.3	16.2	21.4	28.7	37.3	47.0
-75°	3.2	3.2	3.2	4.5	6.3	9.8	14.1	18.1	22.4	29.4	37.4
-77.5°	3.2	3.2	3.2	4.4	6.0	8.3	11.9	15.2	18.6	22.3	27.4
-80°	3.2	3.2	3.2	4.3	5.8	7.5	9.6	12.2	14.9	17.9	21.1
-82.5°	3.2	3.2	3.2	4.3	5.5	7.0	8.7	9.9	11.3	13.5	15.9
-85°	3.2	3.2	3.2	4.2	5.3	6.5	7.9	9.0	10.0	11.1	12.1
-87.5°	3.2	3.2	3.2	4.1	5.0	6.0	7.1	8.0	9.0	9.9	10.8
-90°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6	0.8	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°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	10.3	11.1	11.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.9	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.1	1.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.8	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.7	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.9	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.8	2.0	1.3	0.5	0.0	0.2	0.5	0.3	0.0	0.2	0.4
67.5°	3.0	2.2	1.4	0.9	1.2	1.6	1.5	1.6	1.7	1.9	1.6
65°	3.1	2.4	2.4	2.8	3.1	3.4	3.7	3.9	3.3	2.9	3.0
62.5°	3.3	3.6	4.1	4.6	5.1	5.5	5.5	4.9	3.8	4.7	5.4
60°	4.7	5.2	5.8	6.5	7.1	7.4	7.1	7.2	8.0	9.3	17.8
57.5°	6.3	6.7	7.5	8.5	9.4	9.6	9.8	10.7	25.0	40.9	45.2
55°	8.0	8.3	9.7	11.2	12.2	12.0	17.3	36.5	55.1	76.4	84.2
52.5°	9.6	10.3	12.6	14.5	15.6	24.4	43.9	70.0	97.4	121.9	153.4
50°	11.3	13.5	15.9	18.6	29.7	52.5	81.1	116.6	158.0	197.1	237.0
47.5°	14.1	16.9	20.5	29.4	58.6	90.2	129.7	187.0	238.1	285.2	340.0
45°	17.4	23.4	27.3	58.2	92.2	132.9	199.8	269.9	316.2	379.3	476.3
42.5°	20.8	32.4	52.2	88.0	129.3	195.0	278.1	337.7	399.3	501.7	603.6
40°	30.0	43.4	78.8	121.3	173.7	269.6	354.7	422.3	506.5	620.0	726.3
37.5°	41.1	66.2	105.9	156.8	243.3	348.4	439.6	536.1	632.9	739.9	937.2
35°	53.4	87.4	140.2	209.0	313.0	435.8	544.6	652.4	763.9	974.6	1170.3
32.5°	69.4	106.9	176.1	269.6	388.3	523.1	649.4	774.0	952.8	1191.3	1387.8
30°	86.8	138.2	217.3	325.7	459.2	603.1	754.9	905.7	1142.5	1339.8	1553.1
27.5°	104.8	171.3	265.8	384.3	525.6	678.5	849.8	1065.0	1276.2	1471.2	1705.6
25°	123.4	205.8	310.0	440.3	590.9	760.1	957.1	1219.3	1384.4	1599.9	1844.4
22.5°	147.3	238.8	353.9	491.1	651.4	843.9	1095.1	1358.4	1552.8	1734.0	1972.8
20°	174.9	275.9	401.6	554.7	710.7	925.7	1232.4	1509.3	1738.0	1945.5	2164.8
17.5°	200.6	310.6	452.6	619.7	797.0	1030.6	1367.1	1673.5	1925.1	2156.4	2430.2
15°	224.5	342.7	502.6	681.2	881.8	1150.8	1487.9	1824.4	2111.7	2371.9	2683.1
12.5°	246.3	372.0	550.7	738.7	961.7	1254.4	1589.3	1917.7	2233.6	2572.6	2925.8
10°	265.9	398.4	596.2	791.9	1035.8	1342.0	1673.1	1995.6	2314.2	2673.0	3065.4
7.5°	287.0	423.1	637.4	840.2	1103.1	1414.4	1740.0	2058.0	2379.4	2753.3	3156.1
5°	306.5	445.7	670.3	874.8	1155.2	1470.9	1790.4	2105.5	2428.9	2813.1	3224.9
2.5°	323.6	464.8	697.0	901.9	1193.8	1512.5	1823.1	2145.0	2465.6	2861.7	3277.3
0°	338.1	480.3	717.4	922.8	1223.0	1542.2	1842.4	2171.0	2487.1	2894.7	3311.9
-2.5°	347.4	505.7	731.4	959.1	1248.5	1561.7	1859.6	2178.3	2510.2	2905.2	3350.6
-5°	353.9	526.3	739.8	987.1	1265.2	1570.2	1865.3	2172.7	2516.3	2902.5	3356.4
-7.5°	357.7	540.8	743.8	1003.0	1271.0	1565.1	1855.7	2162.0	2506.2	2892.6	3331.2
-10°	359.9	545.3	749.1	998.2	1263.3	1548.1	1834.3	2136.9	2477.6	2860.3	3283.6
-12.5°	365.9	542.4	748.2	987.6	1246.7	1522.6	1802.6	2097.1	2429.8	2805.1	3217.6
-15°	367.4	535.9	739.2	972.0	1221.3	1489.1	1761.1	2042.7	2370.9	2751.4	3144.7
-17.5°	364.1	526.1	721.7	952.1	1187.3	1448.5	1712.3	1993.6	2315.7	2689.5	3068.2
-20°	355.6	513.3	695.3	928.5	1146.9	1403.4	1663.3	1942.1	2252.1	2603.5	2982.5



REPORT NUMBER: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	341.8	497.9	666.6	895.6	1112.1	1351.6	1605.9	1871.9	2172.5	2492.1	2867.4
-25°	327.5	480.5	644.1	850.4	1070.1	1291.1	1540.0	1786.1	2079.0	2392.8	2725.9
-27.5°	313.9	456.2	620.7	800.9	1020.7	1226.6	1465.5	1705.5	1973.8	2281.4	2588.1
-30°	296.2	430.0	592.0	753.2	961.7	1165.8	1382.4	1618.6	1859.9	2151.8	2453.5
-32.5°	280.5	402.7	559.5	717.0	898.2	1097.3	1292.8	1517.9	1753.4	2002.2	2300.4
-35°	270.1	386.6	525.0	675.1	833.5	1022.8	1208.7	1404.4	1632.4	1865.9	2127.7
-37.5°	261.6	368.1	488.6	631.4	782.2	944.7	1118.7	1298.7	1497.7	1733.2	1979.3
-40°	248.2	347.2	461.7	589.8	722.8	870.6	1032.1	1195.0	1367.6	1597.6	1840.4
-42.5°	231.1	327.0	436.3	544.5	666.0	800.9	944.5	1097.9	1263.7	1463.5	1686.7
-45°	217.9	301.1	408.1	505.0	605.6	728.9	863.8	1002.8	1159.2	1330.7	1531.2
-47.5°	201.2	273.0	371.2	461.8	550.4	655.7	779.0	910.6	1049.1	1203.6	1368.0
-50°	183.4	249.6	326.1	414.2	498.7	586.3	691.5	813.2	938.8	1073.5	1220.1
-52.5°	169.8	222.2	292.0	365.3	445.9	525.4	614.9	719.2	831.5	944.0	1073.0
-55°	154.5	202.0	259.6	325.3	393.9	467.4	549.0	640.4	731.8	835.2	938.1
-57.5°	143.6	182.6	232.5	289.6	351.2	413.6	490.7	567.9	652.6	738.1	823.5
-60°	135.2	165.8	207.2	257.5	312.4	370.8	434.0	505.3	578.3	648.1	721.9
-62.5°	125.6	152.2	184.5	225.6	275.2	326.0	381.6	442.7	508.7	567.6	624.8
-65°	113.1	136.2	164.0	197.4	236.3	279.3	326.7	378.2	435.2	483.0	529.7
-67.5°	98.7	118.2	141.5	168.8	201.2	234.8	269.6	313.2	359.5	398.4	436.5
-70°	80.7	98.7	117.7	140.0	165.4	193.9	224.5	256.1	287.8	319.6	354.4
-72.5°	61.8	78.2	94.3	110.2	130.5	153.7	178.7	205.3	232.9	260.1	286.6
-75°	47.1	57.7	71.8	86.1	100.2	115.4	132.2	153.3	179.1	205.5	229.6
-77.5°	35.6	44.5	53.9	63.7	72.6	83.8	96.0	109.1	130.3	154.7	179.3
-80°	25.6	31.0	38.5	46.4	52.6	58.8	65.2	71.9	87.6	107.2	128.2
-82.5°	19.0	22.7	26.8	31.4	34.6	37.7	41.1	45.5	57.2	70.4	84.4
-85°	13.1	14.2	16.4	19.0	20.8	22.5	24.4	26.2	32.6	39.6	47.2
-87.5°	11.3	11.8	12.5	13.1	13.3	13.5	13.8	14.0	16.1	18.3	20.6
-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: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	12.6	13.4	14.2	15.0	15.8	16.6	17.4	18.2	19.0	19.0	19.0
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°	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.5	1.6	1.7	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.4	3.2	2.4	1.6	0.8	1.2	1.9	2.3	2.3	2.1	1.6
62.5°	5.0	4.6	4.2	4.8	5.7	6.6	6.4	6.0	5.6	5.3	5.5
60°	18.7	12.4	14.4	18.1	16.9	11.6	19.0	21.5	18.3	12.6	12.1
57.5°	47.4	45.7	52.4	76.5	84.2	76.7	91.7	111.3	110.7	95.3	94.8
55°	100.9	135.4	177.0	183.8	212.7	270.8	316.0	296.2	296.1	311.0	359.0
52.5°	191.7	224.2	236.3	268.7	329.2	373.2	401.4	430.7	462.7	495.4	528.5
50°	281.3	312.9	348.8	381.9	465.7	510.8	503.3	563.9	641.3	689.7	714.6
47.5°	412.7	462.5	538.3	657.1	719.6	764.8	821.1	889.7	978.4	1098.8	1191.6
45°	567.3	645.6	762.9	889.1	986.2	1030.4	1094.7	1200.9	1342.5	1480.3	1580.9
42.5°	693.7	801.1	933.4	1054.0	1133.2	1205.8	1289.1	1378.7	1540.8	1688.0	1804.3
40°	858.6	942.3	1090.7	1204.4	1275.3	1347.3	1479.3	1613.4	1765.8	1903.0	1998.3
37.5°	1067.6	1161.8	1316.2	1444.7	1513.0	1538.5	1763.0	1949.6	2073.5	2248.6	2305.9
35°	1292.2	1447.2	1644.0	1810.6	1877.6	2011.1	2242.4	2502.8	2784.9	2888.7	2977.2
32.5°	1542.8	1734.0	2001.0	2179.8	2275.3	2478.0	2770.8	3048.7	3417.5	3617.7	3677.6
30°	1772.0	1991.4	2220.9	2394.7	2558.0	2802.1	3069.1	3411.7	3752.8	4008.8	4088.3
27.5°	1940.2	2183.0	2403.6	2566.4	2750.6	3013.8	3346.7	3693.7	4028.5	4289.7	4382.5
25°	2100.7	2375.2	2549.8	2739.1	2955.4	3242.3	3611.2	3996.8	4326.5	4547.3	4661.1
22.5°	2283.3	2553.9	2741.5	2901.8	3184.6	3515.1	3857.5	4293.2	4642.6	4818.8	4942.1
20°	2471.8	2778.0	3067.7	3216.8	3461.5	3880.0	4263.4	4674.7	5012.1	5195.6	5325.5
17.5°	2734.8	3125.0	3480.3	3691.5	3953.6	4453.9	4932.2	5348.3	5817.7	5983.4	6142.3
15°	3012.1	3463.7	3879.9	4214.5	4553.0	5048.8	5664.5	6166.6	6702.2	6941.4	7211.7
12.5°	3288.6	3715.9	4093.0	4524.7	5001.7	5440.2	6026.4	6651.7	7137.7	7442.7	7624.7
10°	3495.2	3892.2	4255.0	4687.7	5163.8	5659.9	6242.4	6883.3	7392.1	7652.3	7800.9
7.5°	3606.8	3986.7	4369.4	4807.9	5281.9	5810.2	6410.4	7046.3	7566.4	7818.6	7965.4
5°	3689.6	4054.5	4450.8	4912.3	5391.6	5927.4	6526.7	7155.0	7629.3	7897.3	8082.8
2.5°	3739.8	4097.4	4502.6	4979.8	5460.3	6018.3	6646.5	7297.9	7712.9	7928.5	8099.1
0°	3754.3	4114.5	4531.7	5015.2	5508.2	6070.7	6693.3	7337.9	7758.2	7966.8	8140.6
-2.5°	3770.7	4141.6	4570.2	5038.1	5526.9	6087.9	6723.3	7351.5	7729.6	7940.0	8105.4
-5°	3759.3	4143.7	4571.0	5019.2	5511.2	6067.6	6677.7	7265.0	7660.6	7888.1	8052.5
-7.5°	3725.2	4115.1	4538.0	4968.8	5451.4	6014.2	6621.6	7187.2	7587.9	7827.8	8007.7
-10°	3675.7	4054.2	4480.0	4916.3	5393.1	5928.8	6527.0	7089.2	7472.6	7727.4	7937.1
-12.5°	3620.9	3991.5	4401.9	4820.4	5292.0	5821.1	6400.6	6932.8	7314.0	7591.9	7741.7
-15°	3539.6	3910.0	4302.4	4707.1	5166.8	5680.1	6233.7	6744.3	7118.7	7344.8	7510.4
-17.5°	3436.2	3799.7	4171.6	4555.5	4988.6	5494.1	6051.1	6554.7	6859.8	7061.7	7224.5
-20°	3325.4	3661.5	4013.9	4376.2	4796.0	5296.7	5843.7	6283.0	6570.5	6764.6	6918.3



REPORT NUMBER: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	3198.9	3522.6	3845.2	4191.5	4603.1	5062.2	5545.3	5969.8	6279.0	6455.7	6597.7
-25°	3054.5	3369.4	3675.7	4010.2	4388.4	4801.1	5250.4	5667.5	5944.4	6132.2	6273.0
-27.5°	2899.0	3194.8	3494.1	3794.4	4134.5	4545.6	4961.7	5349.2	5585.6	5774.8	5916.5
-30°	2743.7	3009.9	3286.7	3571.1	3890.2	4260.9	4650.1	4976.0	5225.3	5409.1	5540.6
-32.5°	2575.5	2828.1	3073.3	3339.1	3639.6	3966.3	4307.8	4617.8	4884.2	5052.6	5163.5
-35°	2403.2	2647.7	2872.2	3113.4	3378.5	3660.4	3975.7	4281.4	4544.4	4677.7	4785.7
-37.5°	2223.8	2467.5	2680.3	2881.9	3110.2	3371.4	3678.4	3970.1	4197.4	4311.9	4409.2
-40°	2067.7	2282.3	2473.8	2666.7	2852.3	3084.2	3370.8	3653.2	3835.5	3947.2	4037.6
-42.5°	1916.2	2097.2	2254.1	2426.9	2612.8	2841.4	3072.6	3309.4	3456.0	3579.8	3675.1
-45°	1739.8	1901.6	2048.7	2192.4	2361.9	2570.6	2780.6	2970.3	3107.6	3227.3	3320.1
-47.5°	1544.7	1700.9	1843.7	1972.2	2129.7	2303.8	2480.6	2638.5	2774.0	2892.3	2975.1
-50°	1362.8	1502.4	1641.8	1771.9	1908.4	2049.2	2192.6	2331.2	2459.9	2574.8	2645.3
-52.5°	1199.8	1328.6	1450.5	1564.3	1683.7	1802.7	1921.4	2048.3	2166.7	2275.6	2331.8
-55°	1052.4	1168.5	1278.5	1374.4	1470.2	1564.5	1666.4	1783.5	1892.5	1993.3	2033.7
-57.5°	920.1	1019.5	1116.8	1197.8	1276.1	1351.1	1440.5	1539.4	1634.8	1721.2	1754.3
-60°	798.4	877.2	958.7	1030.5	1098.7	1163.1	1241.0	1320.7	1398.1	1463.2	1491.3
-62.5°	686.5	753.9	815.6	874.0	931.8	989.7	1052.6	1115.8	1178.3	1228.5	1253.9
-65°	578.5	632.2	681.8	729.8	776.4	825.1	874.4	922.4	968.6	1004.5	1026.5
-67.5°	477.2	518.0	557.3	594.8	633.8	673.3	711.8	748.5	783.3	811.0	832.0
-70°	387.4	418.9	449.7	480.7	513.3	544.0	573.0	600.5	626.4	646.4	662.5
-72.5°	312.2	337.9	364.4	392.4	418.7	441.6	462.5	482.6	501.8	513.1	521.5
-75°	251.7	273.3	296.4	319.0	341.0	358.4	373.7	388.6	402.8	403.6	400.7
-77.5°	203.4	222.7	240.5	258.3	275.8	286.6	295.9	305.6	315.3	309.7	300.8
-80°	149.2	165.3	180.5	195.8	211.0	217.4	221.8	225.7	229.0	221.6	212.5
-82.5°	99.0	109.2	119.0	129.1	139.3	143.4	146.4	148.9	150.9	144.2	136.5
-85°	55.3	60.1	64.9	69.7	74.5	77.4	80.0	82.4	84.6	80.6	76.1
-87.5°	23.0	24.1	25.1	26.2	27.2	28.2	29.2	30.2	31.2	31.3	31.4
-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: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	18.2
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°	0.9	0.2	0.0	0.0	0.0	0.2	0.9	1.6	2.1	2.3	2.3
62.5°	5.8	6.0	6.2	6.3	6.2	6.0	5.8	5.5	5.3	5.6	6.0
60°	11.2	9.8	9.5	9.5	9.5	9.8	11.2	12.1	12.6	18.3	21.5
57.5°	87.6	75.0	76.9	85.3	76.9	75.0	87.6	94.8	95.3	110.7	111.3
55°	409.4	457.0	473.8	464.5	473.8	457.0	409.4	359.0	311.0	296.1	296.2
52.5°	554.7	574.2	581.7	581.5	581.7	574.2	554.7	528.5	495.4	462.7	430.7
50°	722.1	715.5	705.3	695.2	705.3	715.5	722.1	714.6	689.7	641.3	563.9
47.5°	1205.1	1184.2	1175.4	1191.4	1175.4	1184.2	1205.1	1191.6	1098.8	978.4	889.7
45°	1601.5	1625.9	1644.2	1643.3	1644.2	1625.9	1601.5	1580.9	1480.3	1342.5	1200.9
42.5°	1827.2	1840.2	1844.0	1839.2	1844.0	1840.2	1827.2	1804.3	1688.0	1540.8	1378.7
40°	2028.3	2043.8	2052.6	2060.4	2052.6	2043.8	2028.3	1998.3	1903.0	1765.8	1613.4
37.5°	2324.8	2330.5	2318.1	2310.1	2318.1	2330.5	2324.8	2305.9	2248.6	2073.5	1949.6
35°	3051.7	3066.6	3032.1	3068.5	3032.1	3066.6	3051.7	2977.2	2888.7	2784.9	2502.8
32.5°	3748.9	3818.6	3875.1	3921.8	3875.1	3818.6	3748.9	3677.6	3617.7	3417.5	3048.7
30°	4143.8	4188.8	4213.0	4218.8	4213.0	4188.8	4143.8	4088.3	4008.8	3752.8	3411.7
27.5°	4433.8	4481.0	4510.3	4531.7	4510.3	4481.0	4433.8	4382.5	4289.7	4028.5	3693.7
25°	4713.2	4756.3	4785.7	4797.1	4785.7	4756.3	4713.2	4661.1	4547.3	4326.5	3996.8
22.5°	5003.2	5033.2	5061.4	5075.2	5061.4	5033.2	5003.2	4942.1	4818.8	4642.6	4293.2
20°	5418.9	5402.6	5428.3	5419.7	5428.3	5402.6	5418.9	5325.5	5195.6	5012.1	4674.7
17.5°	6266.1	6274.9	6292.1	6320.4	6292.1	6274.9	6266.1	6142.3	5983.4	5817.7	5348.3
15°	7331.5	7353.0	7461.9	7559.1	7461.9	7353.0	7331.5	7211.7	6941.4	6702.2	6166.6
12.5°	7793.7	7867.8	7879.4	7906.8	7879.4	7867.8	7793.7	7624.7	7442.7	7137.7	6651.7
10°	7947.9	8076.4	8073.6	8105.9	8073.6	8076.4	7947.9	7800.9	7652.3	7392.1	6883.3
7.5°	8064.9	8202.9	8261.2	8286.0	8261.2	8202.9	8064.9	7965.4	7818.6	7566.4	7046.3
5°	8207.8	8283.7	8384.3	8355.5	8384.3	8283.7	8207.8	8082.8	7897.3	7629.3	7155.0
2.5°	8267.7	8386.5	8359.0	8387.1	8359.0	8386.5	8267.7	8099.1	7928.5	7712.9	7297.9
0°	8308.1	8393.4	8406.1	8434.5	8406.1	8393.4	8308.1	8140.6	7966.8	7758.2	7337.9
-2.5°	8259.1	8334.2	8465.7	8425.0	8465.7	8334.2	8259.1	8105.4	7940.0	7729.6	7351.5
-5°	8216.1	8401.0	8329.2	8418.7	8329.2	8401.0	8216.1	8052.5	7888.1	7660.6	7265.0
-7.5°	8193.9	8227.0	8274.7	8342.9	8274.7	8227.0	8193.9	8007.7	7827.8	7587.9	7187.2
-10°	8022.4	8056.2	8143.8	8191.2	8143.8	8056.2	8022.4	7937.1	7727.4	7472.6	7089.2
-12.5°	7836.4	7901.9	7993.7	8023.7	7993.7	7901.9	7836.4	7741.7	7591.9	7314.0	6932.8
-15°	7622.1	7719.3	7808.9	7827.8	7808.9	7719.3	7622.1	7510.4	7344.8	7118.7	6744.3
-17.5°	7349.6	7466.2	7560.4	7581.3	7560.4	7466.2	7349.6	7224.5	7061.7	6859.8	6554.7
-20°	7049.4	7161.1	7241.1	7265.2	7241.1	7161.1	7049.4	6918.3	6764.6	6570.5	6283.0



REPORT NUMBER: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	6727.9	6828.5	6896.1	6886.0	6896.1	6828.5	6727.9	6597.7	6455.7	6279.0	5969.8
-25°	6386.6	6479.9	6544.4	6535.2	6544.4	6479.9	6386.6	6273.0	6132.2	5944.4	5667.5
-27.5°	6025.8	6114.2	6176.1	6178.1	6176.1	6114.2	6025.8	5916.5	5774.8	5585.6	5349.2
-30°	5646.7	5726.9	5777.3	5757.8	5777.3	5726.9	5646.7	5540.6	5409.1	5225.3	4976.0
-32.5°	5255.6	5328.2	5374.4	5388.1	5374.4	5328.2	5255.6	5163.5	5052.6	4884.2	4617.8
-35°	4869.9	4933.9	4973.8	4983.6	4973.8	4933.9	4869.9	4785.7	4677.7	4544.4	4281.4
-37.5°	4486.7	4541.7	4569.6	4557.0	4569.6	4541.7	4486.7	4409.2	4311.9	4197.4	3970.1
-40°	4108.0	4160.4	4192.3	4199.9	4192.3	4160.4	4108.0	4037.6	3947.2	3835.5	3653.2
-42.5°	3735.6	3779.2	3807.2	3820.7	3807.2	3779.2	3735.6	3675.1	3579.8	3456.0	3309.4
-45°	3374.3	3413.2	3439.5	3454.1	3439.5	3413.2	3374.3	3320.1	3227.3	3107.6	2970.3
-47.5°	3022.6	3056.8	3079.5	3090.7	3079.5	3056.8	3022.6	2975.1	2892.3	2774.0	2638.5
-50°	2686.5	2716.1	2737.2	2749.4	2737.2	2716.1	2686.5	2645.3	2574.8	2459.9	2331.2
-52.5°	2367.7	2393.5	2411.5	2420.7	2411.5	2393.5	2367.7	2331.8	2275.6	2166.7	2048.3
-55°	2063.2	2084.1	2100.8	2111.0	2100.8	2084.1	2063.2	2033.7	1993.3	1892.5	1783.5
-57.5°	1779.3	1796.4	1812.2	1823.4	1812.2	1796.4	1779.3	1754.3	1721.2	1634.8	1539.4
-60°	1513.5	1529.7	1543.1	1551.6	1543.1	1529.7	1513.5	1491.3	1463.2	1398.1	1320.7
-62.5°	1273.7	1288.0	1300.3	1308.3	1300.3	1288.0	1273.7	1253.9	1228.5	1178.3	1115.8
-65°	1043.8	1056.6	1065.8	1071.3	1065.8	1056.6	1043.8	1026.5	1004.5	968.6	922.4
-67.5°	850.0	864.8	867.7	865.9	867.7	864.8	850.0	832.0	811.0	783.3	748.5
-70°	677.0	689.5	692.5	692.1	692.5	689.5	677.0	662.5	646.4	626.4	600.5
-72.5°	529.4	536.2	530.4	521.4	530.4	536.2	529.4	521.5	513.1	501.8	482.6
-75°	397.2	392.9	386.7	379.2	386.7	392.9	397.2	400.7	403.6	402.8	388.6
-77.5°	291.0	280.2	273.2	265.5	273.2	280.2	291.0	300.8	309.7	315.3	305.6
-80°	202.6	192.0	184.8	177.0	184.8	192.0	202.6	212.5	221.6	229.0	225.7
-82.5°	128.3	119.6	115.2	110.6	115.2	119.6	128.3	136.5	144.2	150.9	148.9
-85°	71.3	66.2	63.1	60.0	63.1	66.2	71.3	76.1	80.6	84.6	82.4
-87.5°	31.5	31.6	30.0	28.4	30.0	31.6	31.5	31.4	31.3	31.2	30.2
-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: P627100 (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°
90°	17.4	16.6	15.8	15.0	14.2	13.4	12.6	11.8	11.1	10.3	9.5
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°	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.4	0.2	0.0	0.3
67.5°	0.0	0.0	0.6	1.3	1.7	1.6	1.5	1.6	1.9	1.7	1.6
65°	1.9	1.2	0.8	1.6	2.4	3.2	3.4	3.0	2.9	3.3	3.9
62.5°	6.4	6.6	5.7	4.8	4.2	4.6	5.0	5.4	4.7	3.8	4.9
60°	19.0	11.6	16.9	18.1	14.4	12.4	18.7	17.8	9.3	8.0	7.2
57.5°	91.7	76.7	84.2	76.5	52.4	45.7	47.4	45.2	40.9	25.0	10.7
55°	316.0	270.8	212.7	183.8	177.0	135.4	100.9	84.2	76.4	55.1	36.5
52.5°	401.4	373.2	329.2	268.7	236.3	224.2	191.7	153.4	121.9	97.4	70.0
50°	503.3	510.8	465.7	381.9	348.8	312.9	281.3	237.0	197.1	158.0	116.6
47.5°	821.1	764.8	719.6	657.1	538.3	462.5	412.7	340.0	285.2	238.1	187.0
45°	1094.7	1030.4	986.2	889.1	762.9	645.6	567.3	476.3	379.3	316.2	269.9
42.5°	1289.1	1205.8	1133.2	1054.0	933.4	801.1	693.7	603.6	501.7	399.3	337.7
40°	1479.3	1347.3	1275.3	1204.4	1090.7	942.3	858.6	726.3	620.0	506.5	422.3
37.5°	1763.0	1538.5	1513.0	1444.7	1316.2	1161.8	1067.6	937.2	739.9	632.9	536.1
35°	2242.4	2011.1	1877.6	1810.6	1644.0	1447.2	1292.2	1170.3	974.6	763.9	652.4
32.5°	2770.8	2478.0	2275.3	2179.8	2001.0	1734.0	1542.8	1387.8	1191.3	952.8	774.0
30°	3069.1	2802.1	2558.0	2394.7	2220.9	1991.4	1772.0	1553.1	1339.8	1142.5	905.7
27.5°	3346.7	3013.8	2750.6	2566.4	2403.6	2183.0	1940.2	1705.6	1471.2	1276.2	1065.0
25°	3611.2	3242.3	2955.4	2739.1	2549.8	2375.2	2100.7	1844.4	1599.9	1384.4	1219.3
22.5°	3857.5	3515.1	3184.6	2901.8	2741.5	2553.9	2283.3	1972.8	1734.0	1552.8	1358.4
20°	4263.4	3880.0	3461.5	3216.8	3067.7	2778.0	2471.8	2164.8	1945.5	1738.0	1509.3
17.5°	4932.2	4453.9	3953.6	3691.5	3480.3	3125.0	2734.8	2430.2	2156.4	1925.1	1673.5
15°	5664.5	5048.8	4553.0	4214.5	3879.9	3463.7	3012.1	2683.1	2371.9	2111.7	1824.4
12.5°	6026.4	5440.2	5001.7	4524.7	4093.0	3715.9	3288.6	2925.8	2572.6	2233.6	1917.7
10°	6242.4	5659.9	5163.8	4687.7	4255.0	3892.2	3495.2	3065.4	2673.0	2314.2	1995.6
7.5°	6410.4	5810.2	5281.9	4807.9	4369.4	3986.7	3606.8	3156.1	2753.3	2379.4	2058.0
5°	6526.7	5927.4	5391.6	4912.3	4450.8	4054.5	3689.6	3224.9	2813.1	2428.9	2105.5
2.5°	6646.5	6018.3	5460.3	4979.8	4502.6	4097.4	3739.8	3277.3	2861.7	2465.6	2145.0
0°	6693.3	6070.7	5508.2	5015.2	4531.7	4114.5	3754.3	3311.9	2894.7	2487.1	2171.0
-2.5°	6723.3	6087.9	5526.9	5038.1	4570.2	4141.6	3770.7	3350.6	2905.2	2510.2	2178.3
-5°	6677.7	6067.6	5511.2	5019.2	4571.0	4143.7	3759.3	3356.4	2902.5	2516.3	2172.7
-7.5°	6621.6	6014.2	5451.4	4968.8	4538.0	4115.1	3725.2	3331.2	2892.6	2506.2	2162.0
-10°	6527.0	5928.8	5393.1	4916.3	4480.0	4054.2	3675.7	3283.6	2860.3	2477.6	2136.9
-12.5°	6400.6	5821.1	5292.0	4820.4	4401.9	3991.5	3620.9	3217.6	2805.1	2429.8	2097.1
-15°	6233.7	5680.1	5166.8	4707.1	4302.4	3910.0	3539.6	3144.7	2751.4	2370.9	2042.7
-17.5°	6051.1	5494.1	4988.6	4555.5	4171.6	3799.7	3436.2	3068.2	2689.5	2315.7	1993.6
-20°	5843.7	5296.7	4796.0	4376.2	4013.9	3661.5	3325.4	2982.5	2603.5	2252.1	1942.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5545.3	5062.2	4603.1	4191.5	3845.2	3522.6	3198.9	2867.4	2492.1	2172.5	1871.9
-25°	5250.4	4801.1	4388.4	4010.2	3675.7	3369.4	3054.5	2725.9	2392.8	2079.0	1786.1
-27.5°	4961.7	4545.6	4134.5	3794.4	3494.1	3194.8	2899.0	2588.1	2281.4	1973.8	1705.5
-30°	4650.1	4260.9	3890.2	3571.1	3286.7	3009.9	2743.7	2453.5	2151.8	1859.9	1618.6
-32.5°	4307.8	3966.3	3639.6	3339.1	3073.3	2828.1	2575.5	2300.4	2002.2	1753.4	1517.9
-35°	3975.7	3660.4	3378.5	3113.4	2872.2	2647.7	2403.2	2127.7	1865.9	1632.4	1404.4
-37.5°	3678.4	3371.4	3110.2	2881.9	2680.3	2467.5	2223.8	1979.3	1733.2	1497.7	1298.7
-40°	3370.8	3084.2	2852.3	2666.7	2473.8	2282.3	2067.7	1840.4	1597.6	1367.6	1195.0
-42.5°	3072.6	2841.4	2612.8	2426.9	2254.1	2097.2	1916.2	1686.7	1463.5	1263.7	1097.9
-45°	2780.6	2570.6	2361.9	2192.4	2048.7	1901.6	1739.8	1531.2	1330.7	1159.2	1002.8
-47.5°	2480.6	2303.8	2129.7	1972.2	1843.7	1700.9	1544.7	1368.0	1203.6	1049.1	910.6
-50°	2192.6	2049.2	1908.4	1771.9	1641.8	1502.4	1362.8	1220.1	1073.5	938.8	813.2
-52.5°	1921.4	1802.7	1683.7	1564.3	1450.5	1328.6	1199.8	1073.0	944.0	831.5	719.2
-55°	1666.4	1564.5	1470.2	1374.4	1278.5	1168.5	1052.4	938.1	835.2	731.8	640.4
-57.5°	1440.5	1351.1	1276.1	1197.8	1116.8	1019.5	920.1	823.5	738.1	652.6	567.9
-60°	1241.0	1163.1	1098.7	1030.5	958.7	877.2	798.4	721.9	648.1	578.3	505.3
-62.5°	1052.6	989.7	931.8	874.0	815.6	753.9	686.5	624.8	567.6	508.7	442.7
-65°	874.4	825.1	776.4	729.8	681.8	632.2	578.5	529.7	483.0	435.2	378.2
-67.5°	711.8	673.3	633.8	594.8	557.3	518.0	477.2	436.5	398.4	359.5	313.2
-70°	573.0	544.0	513.3	480.7	449.7	418.9	387.4	354.4	319.6	287.8	256.1
-72.5°	462.5	441.6	418.7	392.4	364.4	337.9	312.2	286.6	260.1	232.9	205.3
-75°	373.7	358.4	341.0	319.0	296.4	273.3	251.7	229.6	205.5	179.1	153.3
-77.5°	295.9	286.6	275.8	258.3	240.5	222.7	203.4	179.3	154.7	130.3	109.1
-80°	221.8	217.4	211.0	195.8	180.5	165.3	149.2	128.2	107.2	87.6	71.9
-82.5°	146.4	143.4	139.3	129.1	119.0	109.2	99.0	84.4	70.4	57.2	45.5
-85°	80.0	77.4	74.5	69.7	64.9	60.1	55.3	47.2	39.6	32.6	26.2
-87.5°	29.2	28.2	27.2	26.2	25.1	24.1	23.0	20.6	18.3	16.1	14.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	8.7	7.9	7.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.7
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	1.0
82.5°	0.0	0.0	0.0	0.1	0.5	0.8	0.9	0.8	0.5	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.8	1.7	2.1	2.2	1.7	1.2	0.6
77.5°	0.0	0.0	0.0	0.0	0.3	0.9	1.8	2.9	2.9	2.2	1.6
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.7	1.7	2.6	3.2	2.5
72.5°	0.0	0.0	0.0	0.4	0.9	0.9	0.5	0.6	1.9	2.7	3.2
70°	0.5	0.2	0.0	0.5	1.3	2.0	1.8	1.5	1.2	2.3	3.0
67.5°	1.5	1.6	1.2	0.9	1.4	2.2	3.0	2.8	2.5	2.1	2.9
65°	3.7	3.4	3.1	2.8	2.4	2.4	3.1	3.9	3.7	3.2	2.9
62.5°	5.5	5.5	5.1	4.6	4.1	3.6	3.3	4.4	4.8	4.3	3.6
60°	7.1	7.4	7.1	6.5	5.8	5.2	4.7	5.0	5.5	5.3	4.5
57.5°	9.8	9.6	9.4	8.5	7.5	6.7	6.3	6.2	6.4	6.3	5.5
55°	17.3	12.0	12.2	11.2	9.7	8.3	8.0	7.7	7.4	7.2	6.4
52.5°	43.9	24.4	15.6	14.5	12.6	10.3	9.6	9.1	8.7	8.3	7.3
50°	81.1	52.5	29.7	18.6	15.9	13.5	11.3	10.6	10.0	9.4	8.2
47.5°	129.7	90.2	58.6	29.4	20.5	16.9	14.1	12.1	11.3	10.6	9.1
45°	199.8	132.9	92.2	58.2	27.3	23.4	17.4	13.6	12.7	11.6	10.0
42.5°	278.1	195.0	129.3	88.0	52.2	32.4	20.8	16.5	14.0	12.8	10.9
40°	354.7	269.6	173.7	121.3	78.8	43.4	30.0	19.7	15.3	14.1	12.0
37.5°	439.6	348.4	243.3	156.8	105.9	66.2	41.1	23.0	17.4	15.4	13.1
35°	544.6	435.8	313.0	209.0	140.2	87.4	53.4	29.2	21.4	16.8	14.3
32.5°	649.4	523.1	388.3	269.6	176.1	106.9	69.4	41.7	26.1	18.2	15.4
30°	754.9	603.1	459.2	325.7	217.3	138.2	86.8	53.9	31.4	19.7	16.7
27.5°	849.8	678.5	525.6	384.3	265.8	171.3	104.8	65.6	37.3	22.4	17.9
25°	957.1	760.1	590.9	440.3	310.0	205.8	123.4	77.1	46.0	26.9	19.1
22.5°	1095.1	843.9	651.4	491.1	353.9	238.8	147.3	92.3	55.5	31.8	20.4
20°	1232.4	925.7	710.7	554.7	401.6	275.9	174.9	107.4	64.5	36.8	21.6
17.5°	1367.1	1030.6	797.0	619.7	452.6	310.6	200.6	122.3	73.0	41.9	22.8
15°	1487.9	1150.8	881.8	681.2	502.6	342.7	224.5	136.7	81.0	47.0	24.4
12.5°	1589.3	1254.4	961.7	738.7	550.7	372.0	246.3	150.6	88.4	52.7	26.6
10°	1673.1	1342.0	1035.8	791.9	596.2	398.4	265.9	164.4	97.0	58.7	28.9
7.5°	1740.0	1414.4	1103.1	840.2	637.4	423.1	287.0	179.0	105.3	64.4	31.3
5°	1790.4	1470.9	1155.2	874.8	670.3	445.7	306.5	192.4	113.0	69.8	33.6
2.5°	1823.1	1512.5	1193.8	901.9	697.0	464.8	323.6	204.5	120.1	74.7	35.8
0°	1842.4	1542.2	1223.0	922.8	717.4	480.3	338.1	214.9	126.4	79.0	37.9
-2.5°	1859.6	1561.7	1248.5	959.1	731.4	505.7	347.4	224.3	136.4	82.1	41.8
-5°	1865.3	1570.2	1265.2	987.1	739.8	526.3	353.9	232.0	145.1	84.7	45.3
-7.5°	1855.7	1565.1	1271.0	1003.0	743.8	540.8	357.7	238.0	152.3	86.6	48.4
-10°	1834.3	1548.1	1263.3	998.2	749.1	545.3	359.9	242.4	157.5	88.1	50.9
-12.5°	1802.6	1522.6	1246.7	987.6	748.2	542.4	365.9	245.9	160.2	89.1	52.8
-15°	1761.1	1489.1	1221.3	972.0	739.2	535.9	367.4	247.2	159.9	91.0	54.0
-17.5°	1712.3	1448.5	1187.3	952.1	721.7	526.1	364.1	245.6	158.3	93.7	55.2
-20°	1663.3	1403.4	1146.9	928.5	695.3	513.3	355.6	241.1	155.4	95.5	56.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	1605.9	1351.6	1112.1	895.6	666.6	497.9	341.8	233.5	151.2	96.2	56.8
-25°	1540.0	1291.1	1070.1	850.4	644.1	480.5	327.5	222.6	145.9	96.0	56.6
-27.5°	1465.5	1226.6	1020.7	800.9	620.7	456.2	313.9	214.6	141.3	94.6	55.8
-30°	1382.4	1165.8	961.7	753.2	592.0	430.0	296.2	205.6	139.2	92.8	54.2
-32.5°	1292.8	1097.3	898.2	717.0	559.5	402.7	280.5	195.5	135.7	90.6	54.3
-35°	1208.7	1022.8	833.5	675.1	525.0	386.6	270.1	184.2	130.8	87.4	54.6
-37.5°	1118.7	944.7	782.2	631.4	488.6	368.1	261.6	179.2	124.5	83.4	54.4
-40°	1032.1	870.6	722.8	589.8	461.7	347.2	248.2	173.5	118.4	78.4	53.7
-42.5°	944.5	800.9	666.0	544.5	436.3	327.0	231.1	164.9	113.5	75.6	52.4
-45°	863.8	728.9	605.6	505.0	408.1	301.1	217.9	154.1	107.4	73.6	51.3
-47.5°	779.0	655.7	550.4	461.8	371.2	273.0	201.2	145.6	100.2	70.9	50.6
-50°	691.5	586.3	498.7	414.2	326.1	249.6	183.4	135.4	97.6	68.9	49.3
-52.5°	614.9	525.4	445.9	365.3	292.0	222.2	169.8	124.5	94.2	67.1	47.6
-55°	549.0	467.4	393.9	325.3	259.6	202.0	154.5	119.4	89.9	64.9	45.4
-57.5°	490.7	413.6	351.2	289.6	232.5	182.6	143.6	113.2	85.4	61.8	43.5
-60°	434.0	370.8	312.4	257.5	207.2	165.8	135.2	106.1	80.1	58.0	41.4
-62.5°	381.6	326.0	275.2	225.6	184.5	152.2	125.6	97.8	73.7	53.2	38.6
-65°	326.7	279.3	236.3	197.4	164.0	136.2	113.1	88.5	65.5	47.4	35.0
-67.5°	269.6	234.8	201.2	168.8	141.5	118.2	98.7	76.0	55.7	40.7	30.7
-70°	224.5	193.9	165.4	140.0	117.7	98.7	80.7	61.5	45.0	34.8	26.2
-72.5°	178.7	153.7	130.5	110.2	94.3	78.2	61.8	47.0	37.3	28.7	21.4
-75°	132.2	115.4	100.2	86.1	71.8	57.7	47.1	37.4	29.4	22.4	18.1
-77.5°	96.0	83.8	72.6	63.7	53.9	44.5	35.6	27.4	22.3	18.6	15.2
-80°	65.2	58.8	52.6	46.4	38.5	31.0	25.6	21.1	17.9	14.9	12.2
-82.5°	41.1	37.7	34.6	31.4	26.8	22.7	19.0	15.9	13.5	11.3	9.9
-85°	24.4	22.5	20.8	19.0	16.4	14.2	13.1	12.1	11.1	10.0	9.0
-87.5°	13.8	13.5	13.3	13.1	12.5	11.8	11.3	10.8	9.9	9.0	8.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	2.4

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REPORT NUMBER: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.3	5.5	4.8	4.0	3.2	3.2	3.2
87.5°	2.4	2.7	2.9	3.1	3.2	3.2	3.2
85°	1.6	2.2	2.6	3.0	3.2	3.2	3.2
82.5°	0.8	1.7	2.4	2.9	3.2	3.2	3.2
80°	0.2	1.2	2.1	2.8	3.2	3.2	3.2
77.5°	1.0	1.1	1.9	2.7	3.2	3.2	3.2
75°	1.8	1.6	1.8	2.6	3.2	3.2	3.2
72.5°	2.6	2.1	2.0	2.6	3.2	3.2	3.2
70°	3.2	2.5	2.3	2.6	3.2	3.2	3.2
67.5°	3.3	3.0	2.6	2.7	3.2	3.2	3.2
65°	3.4	3.3	2.8	2.8	3.2	3.2	3.2
62.5°	3.6	3.6	3.0	2.9	3.2	3.2	3.2
60°	3.8	3.8	3.2	3.0	3.2	3.2	3.2
57.5°	4.5	4.1	3.5	3.0	3.2	3.2	3.2
55°	5.3	4.4	3.8	3.1	3.3	3.2	3.2
52.5°	6.1	4.8	4.1	3.1	3.3	3.2	3.2
50°	6.9	5.5	4.5	3.2	3.4	3.2	3.2
47.5°	7.6	6.1	4.8	3.3	3.5	3.2	3.2
45°	8.4	6.7	5.2	3.6	3.6	3.2	3.2
42.5°	9.1	7.3	5.6	3.8	3.7	3.2	3.2
40°	9.8	7.9	6.0	4.2	3.8	3.2	3.2
37.5°	10.5	8.5	6.5	4.6	3.9	3.2	3.2
35°	11.1	9.0	6.9	5.0	4.0	3.2	3.2
32.5°	11.8	9.6	7.4	5.4	4.2	3.2	3.2
30°	12.8	10.1	7.8	5.8	4.3	3.2	3.2
27.5°	13.7	10.6	8.3	6.2	4.5	3.2	3.2
25°	14.7	11.0	8.8	6.6	4.7	3.2	3.2
22.5°	15.6	11.5	9.2	6.9	4.8	3.2	3.2
20°	16.5	12.1	9.7	7.3	5.0	3.2	3.2
17.5°	17.4	12.6	10.1	7.6	5.2	3.2	3.2
15°	18.3	13.2	10.5	7.9	5.3	3.2	3.2
12.5°	19.1	13.7	10.9	8.2	5.5	3.2	3.2
10°	19.9	14.1	11.3	8.5	5.7	3.2	3.2
7.5°	20.5	14.6	11.7	8.8	5.8	3.2	3.2
5°	21.1	15.0	12.0	9.0	6.0	3.2	3.2
2.5°	21.6	15.4	12.3	9.3	6.2	3.2	3.2
0°	22.1	15.8	12.6	9.5	6.3	3.2	3.2
-2.5°	23.3	16.1	12.9	9.5	6.3	3.2	3.2
-5°	24.5	16.4	13.1	9.5	6.3	3.2	3.2
-7.5°	25.4	16.7	13.3	9.4	6.2	3.2	3.2
-10°	26.3	17.0	13.5	9.4	6.2	3.2	3.2
-12.5°	26.9	17.2	13.6	9.3	6.2	3.2	3.2
-15°	27.3	17.3	13.6	9.2	6.1	3.2	3.2
-17.5°	27.4	17.5	13.6	9.1	6.0	3.2	3.2
-20°	28.1	17.6	13.5	8.9	5.9	3.2	3.2

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REPORT NUMBER: P627100 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29.9	17.7	13.4	8.8	5.8	3.2	3.2
-25°	31.4	18.8	13.1	8.6	5.7	3.2	3.2
-27.5°	32.6	20.3	12.8	8.4	5.6	3.2	3.2
-30°	33.4	21.6	12.5	8.2	5.5	3.2	3.2
-32.5°	33.8	22.6	13.0	8.0	5.3	3.2	3.2
-35°	34.7	23.4	13.3	7.8	5.2	3.2	3.2
-37.5°	35.6	23.9	13.5	7.5	5.0	3.2	3.2
-40°	36.2	24.1	13.6	7.2	4.8	3.2	3.2
-42.5°	36.4	24.1	13.7	7.1	4.7	3.2	3.2
-45°	36.2	24.0	13.8	7.1	4.5	3.2	3.2
-47.5°	35.6	23.6	13.7	7.1	4.3	3.2	3.2
-50°	34.9	23.1	13.4	7.0	4.1	3.2	3.2
-52.5°	33.9	22.4	13.0	6.9	3.9	3.2	3.2
-55°	32.7	21.4	12.5	6.7	3.7	3.2	3.2
-57.5°	31.3	20.3	11.8	6.4	3.4	3.2	3.2
-60°	29.6	18.9	10.9	6.2	3.2	3.2	3.2
-62.5°	27.2	17.3	10.3	5.8	3.2	3.2	3.2
-65°	24.5	15.5	9.7	5.5	3.2	3.2	3.2
-67.5°	21.6	13.9	8.9	5.0	3.2	3.2	3.2
-70°	18.4	12.7	8.1	4.6	3.2	3.2	3.2
-72.5°	16.2	11.3	7.2	4.5	3.2	3.2	3.2
-75°	14.1	9.8	6.3	4.5	3.2	3.2	3.2
-77.5°	11.9	8.3	6.0	4.4	3.2	3.2	3.2
-80°	9.6	7.5	5.8	4.3	3.2	3.2	3.2
-82.5°	8.7	7.0	5.5	4.3	3.2	3.2	3.2
-85°	7.9	6.5	5.3	4.2	3.2	3.2	3.2
-87.5°	7.1	6.0	5.0	4.1	3.2	3.2	3.2
-90°	3.2	3.2	3.2	3.2	3.2	3.2	3.2

(END OF REPORT)