

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: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628000 (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-SA6E-735-U-VWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

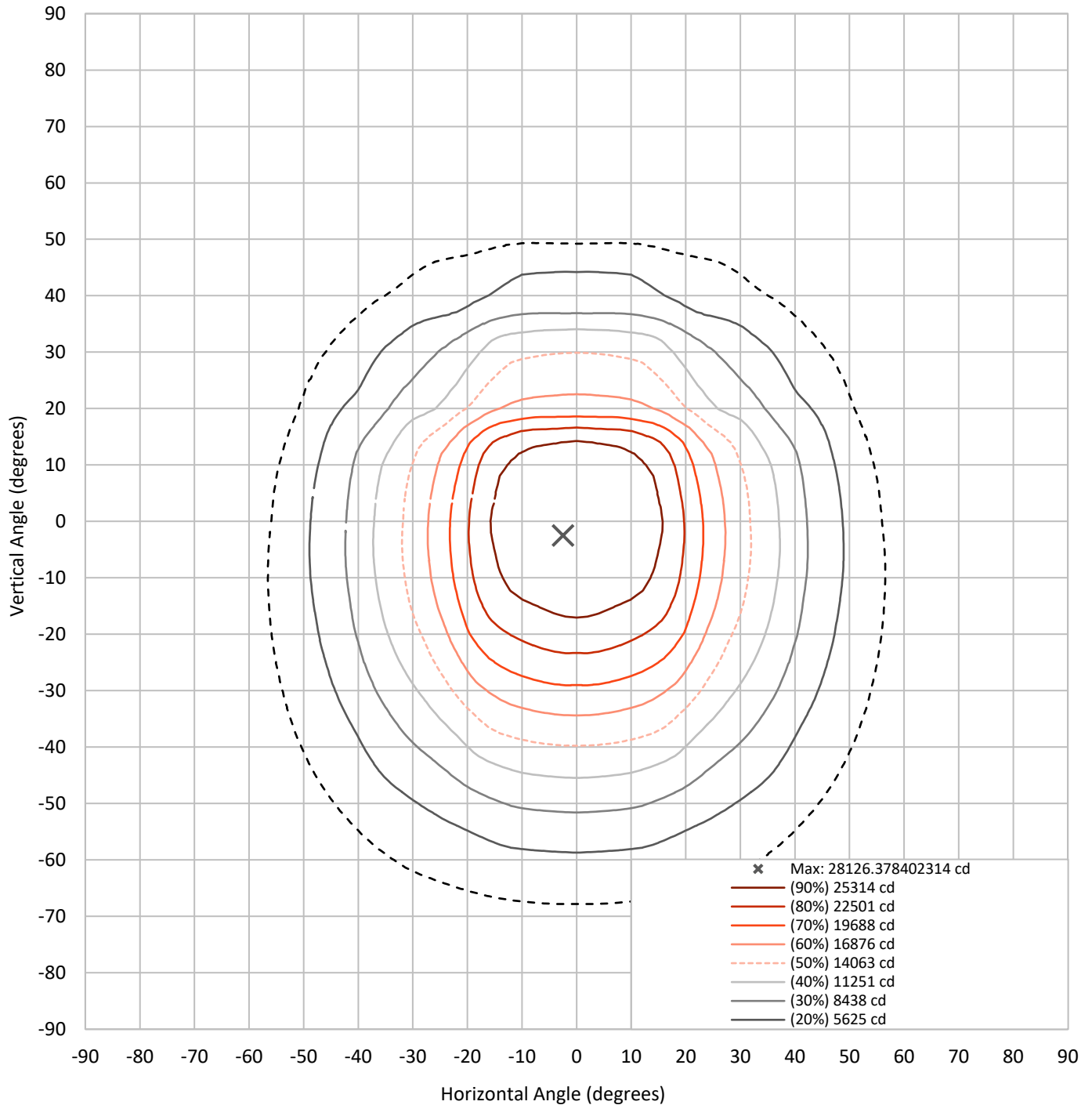
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	37535.6 lumens	Max Intensity:	28126.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	99.6 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:	21716.9 lumens	Field Lumens:	35618.9 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	376.7		
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





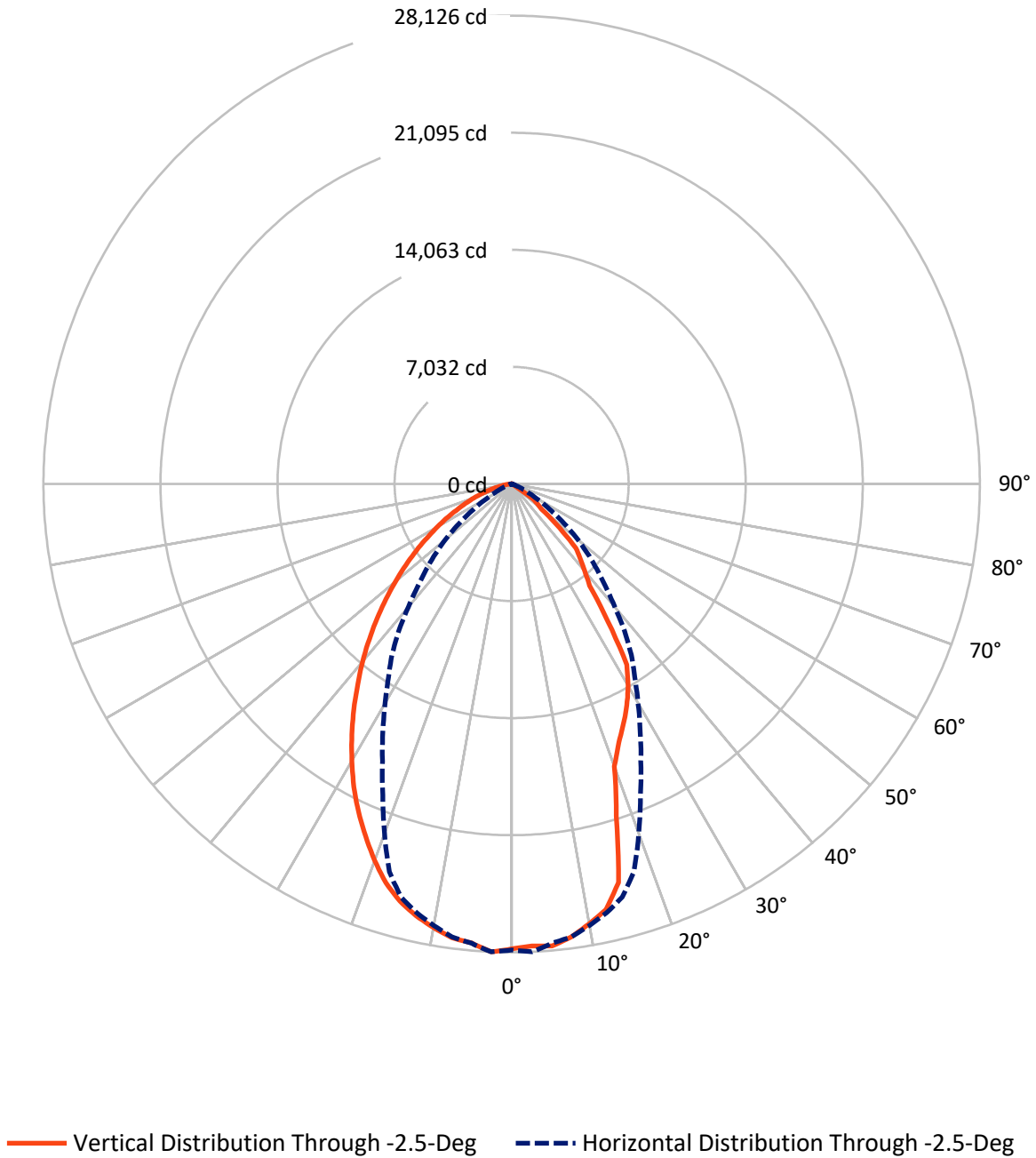
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Lumen Table

90																			
80	0.2	0.2	0.2	0.4	0.5	0.4	0.2	0.2	0.2										
70																			
60	0.3	0.1	0.2	0.2	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.2	0.2	0.1	0.3			
50		0.3	0.7	3.5	10.2	19.7	29.3	36.5	36.5	29.3	19.7	10.2	3.5	0.7	0.3				
40	0.6	0.7	4.2	19.2	46.6	83.8	123.7	151.5	151.5	123.7	83.8	46.6	19.2	4.2	0.7	0.6			
30		1.8	13.9	48.8	108.7	176.4	264.4	309.2	309.2	264.4	176.4	108.7	48.8	13.9	1.8				
20	1.1	4.2	27.0	86.4	175.3	277.9	416.9	479.2	479.2	416.9	277.9	175.3	86.4	27.0	4.2	1.1			
10		7.1	41.5	127.8	252.5	415.6	618.7	709.5	709.5	618.7	415.6	252.5	127.8	41.5	7.1				
0	1.9	9.7	53.7	151.8	302.0	496.6	730.5	829.1	829.1	730.5	496.6	302.0	151.8	53.7	9.7	1.9			
-10		11.5	59.3	157.7	310.1	508.0	736.0	832.1	832.1	736.0	508.0	310.1	157.7	59.3	11.5				
-20	2.4	12.1	58.0	149.2	292.4	475.6	683.0	771.8	771.8	683.0	475.6	292.4	149.2	58.0	12.1	2.4			
-30		11.0	50.8	130.2	252.6	404.4	572.6	648.5	648.5	572.6	404.4	252.6	130.2	50.8	11.0				
-40	2.4	9.2	40.4	102.4	198.7	311.9	437.3	495.1	495.1	437.3	311.9	198.7	102.4	40.4	9.2	2.4			
-50		7.4	29.9	73.0	142.3	219.4	302.7	343.5	343.5	302.7	219.4	142.3	73.0	29.9	7.4				
-60	1.8	5.5	19.6	46.9	88.5	136.2	185.0	211.0	211.0	185.0	136.2	88.5	46.9	19.6	5.5	1.8			
-70		3.9	11.9	27.4	48.6	72.2	95.6	108.3	108.3	95.6	72.2	48.6	27.4	11.9	3.9				
-80	0.7	8.8	40.5	88.3	98.6	88.3	40.5	8.8	0.7										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

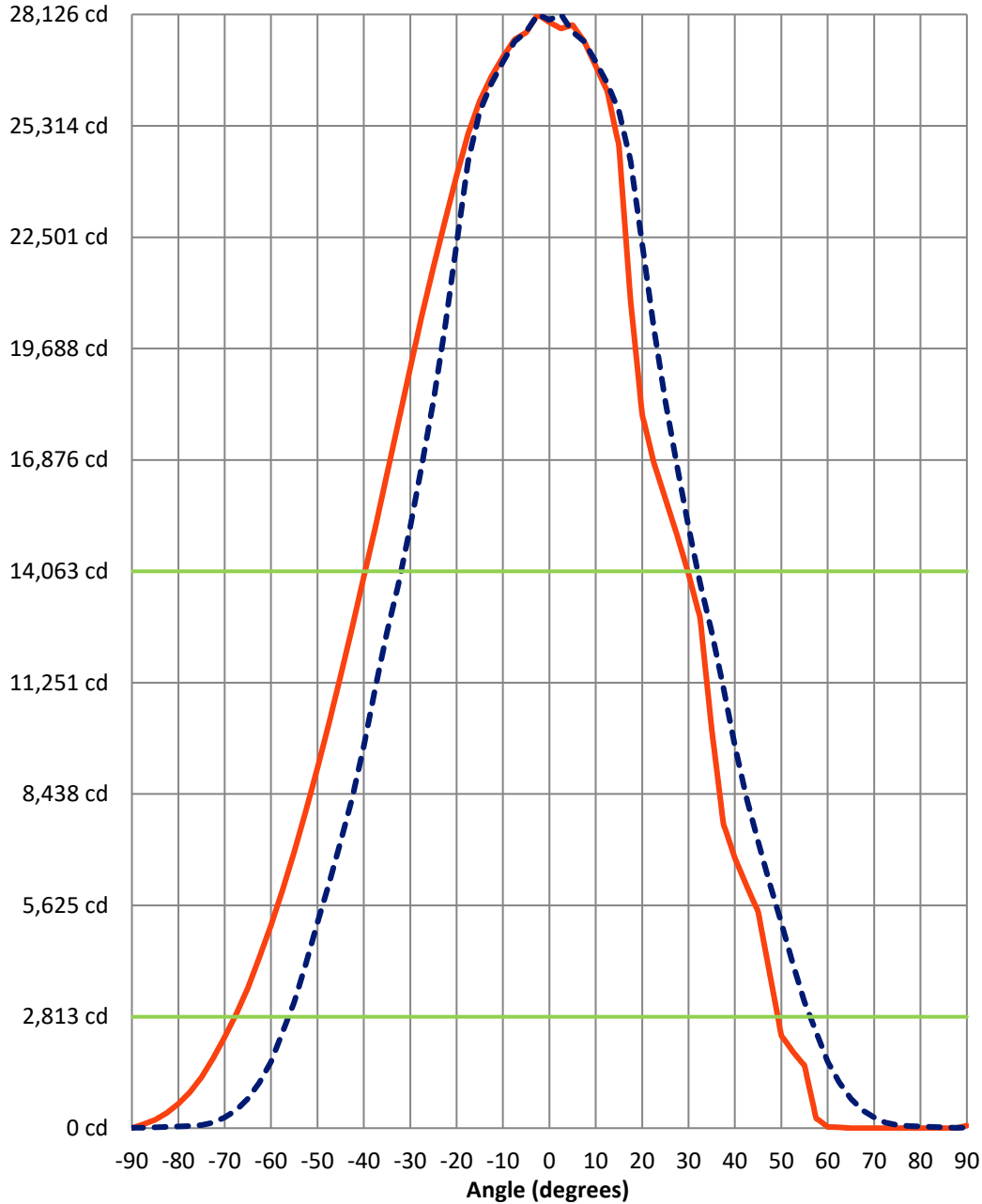
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 21716.9
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 35618.9
 Efficiency: 94.9%

Spill:
 Lumens: 1916.7
 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°	10.5	10.5	10.5	13.1	15.8	18.4	21.0	23.6	26.3	28.9	31.5
87.5°	10.5	10.5	10.5	10.2	9.6	8.8	7.8	5.5	3.5	1.6	0.0
85°	10.5	10.5	10.5	9.8	8.7	7.1	5.1	3.2	1.7	0.6	0.0
82.5°	10.5	10.5	10.5	9.5	7.8	5.5	2.5	0.8	0.2	1.5	2.8
80°	10.5	10.5	10.5	9.2	7.0	3.9	0.5	2.1	3.8	5.5	7.2
77.5°	10.5	10.5	10.5	8.9	6.2	3.5	3.2	5.2	7.3	9.5	9.5
75°	10.5	10.5	10.5	8.7	5.7	5.2	5.9	8.2	10.4	8.5	5.5
72.5°	10.5	10.5	10.5	8.5	6.7	6.8	8.4	10.4	8.9	6.1	1.8
70°	10.5	10.5	10.5	8.4	7.5	8.4	10.5	9.9	7.7	4.0	4.8
67.5°	10.5	10.5	10.5	8.8	8.4	9.8	10.8	9.7	6.8	8.1	9.4
65°	10.5	10.5	10.5	9.1	9.1	10.9	11.2	9.6	10.5	12.2	12.9
62.5°	10.5	10.5	10.5	9.4	9.8	11.7	11.8	11.9	14.1	15.9	14.5
60°	10.5	10.5	10.5	9.7	10.5	12.6	12.5	15.0	17.7	18.3	16.4
57.5°	10.5	10.5	10.6	10.0	11.5	13.6	15.0	18.2	20.8	21.0	20.5
55°	10.5	10.5	10.8	10.2	12.5	14.7	17.6	21.3	24.0	24.4	25.5
52.5°	10.5	10.5	11.0	10.3	13.7	16.1	20.2	24.3	27.4	28.9	30.5
50°	10.5	10.5	11.2	10.4	14.8	18.2	22.8	27.3	31.1	33.3	35.4
47.5°	10.5	10.5	11.5	10.7	16.0	20.3	25.3	30.2	35.1	37.8	40.3
45°	10.5	10.5	11.8	11.7	17.3	22.4	27.8	33.1	38.7	42.2	45.2
42.5°	10.5	10.5	12.1	12.7	18.6	24.4	30.2	36.3	42.6	46.5	54.8
40°	10.5	10.5	12.5	13.9	20.1	26.3	32.5	39.9	46.8	50.9	65.5
37.5°	10.5	10.5	12.9	15.3	21.6	28.2	34.8	43.6	51.2	57.8	76.3
35°	10.5	10.5	13.3	16.7	23.0	30.0	37.0	47.4	55.8	71.0	97.1
32.5°	10.5	10.5	13.8	18.0	24.4	31.8	39.4	51.3	60.6	86.6	138.6
30°	10.5	10.5	14.3	19.4	25.8	33.5	42.5	55.3	65.6	104.2	178.9
27.5°	10.5	10.5	14.9	20.6	27.4	35.1	45.7	59.4	74.3	123.9	217.9
25°	10.5	10.5	15.4	21.8	29.1	36.6	48.8	63.5	89.5	152.7	256.2
22.5°	10.5	10.5	16.0	23.0	30.7	38.3	51.8	67.7	105.5	184.2	306.7
20°	10.5	10.5	16.6	24.2	32.2	40.2	54.8	71.8	122.1	214.2	356.9
17.5°	10.5	10.5	17.2	25.3	33.7	42.0	57.9	75.8	139.0	242.5	406.3
15°	10.5	10.5	17.7	26.3	35.1	43.8	60.8	81.1	156.0	268.9	454.3
12.5°	10.5	10.5	18.3	27.3	36.4	45.5	63.5	88.4	174.9	293.5	500.2
10°	10.5	10.5	18.9	28.3	37.7	47.1	65.9	96.1	194.9	322.0	546.3
7.5°	10.5	10.5	19.5	29.2	38.9	48.6	68.2	103.9	214.0	349.8	594.7
5°	10.5	10.5	20.0	30.0	40.0	50.0	70.2	111.6	231.8	375.5	639.3
2.5°	10.5	10.5	20.5	30.8	41.0	51.3	72.0	119.1	248.1	399.1	679.3
0°	10.5	10.5	21.0	31.5	42.0	52.5	73.5	126.0	262.5	420.0	714.0
-2.5°	10.5	10.5	21.0	31.5	42.0	52.5	73.5	126.0	262.5	420.0	714.0
-5°	10.5	10.5	20.9	31.4	43.7	54.6	81.3	150.5	281.3	482.2	770.8
-7.5°	10.5	10.5	20.8	31.2	44.3	55.5	84.6	160.8	287.9	505.9	790.8
-10°	10.5	10.5	20.7	31.0	44.8	56.3	87.3	169.3	292.7	523.1	805.5
-12.5°	10.5	10.5	20.5	30.7	45.1	57.0	89.3	175.6	296.0	532.1	817.0
-15°	10.5	10.5	20.3	30.4	45.3	57.6	90.6	179.4	302.2	531.1	821.2
-17.5°	10.5	10.5	20.0	30.0	45.2	58.0	91.1	183.3	311.2	525.8	816.1
-20°	10.5	10.5	19.7	29.6	44.9	58.4	93.4	187.0	317.1	516.1	801.1

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Scaled Data Report



REPORT NUMBER: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	10.5	10.5	19.4	29.1	44.4	58.6	99.4	188.7	319.7	502.3	775.7
-25°	10.5	10.5	19.0	28.5	43.6	62.5	104.3	188.1	318.8	484.5	739.4
-27.5°	10.5	10.5	18.6	27.9	42.5	67.4	108.1	185.3	314.3	469.3	712.8
-30°	10.5	10.5	18.2	27.3	41.5	71.6	110.8	180.1	308.4	462.5	683.0
-32.5°	10.5	10.5	17.7	26.5	43.0	75.1	112.2	180.4	300.9	451.0	649.3
-35°	10.5	10.5	17.2	25.8	44.1	77.8	115.2	181.4	290.5	434.7	611.9
-37.5°	10.5	10.5	16.7	25.0	44.9	79.5	118.3	180.7	277.0	413.6	595.2
-40°	10.5	10.5	16.1	24.1	45.2	80.1	120.2	178.3	260.7	393.4	576.5
-42.5°	10.5	10.5	15.5	23.6	45.5	80.2	120.8	174.2	251.3	377.1	547.9
-45°	10.5	10.5	14.8	23.7	45.7	79.6	120.2	170.5	244.6	357.0	512.0
-47.5°	10.5	10.5	14.2	23.6	45.4	78.4	118.4	168.0	235.8	332.9	483.7
-50°	10.5	10.5	13.5	23.3	44.6	76.6	115.9	163.9	228.8	324.3	450.0
-52.5°	10.5	10.5	12.8	22.8	43.2	74.2	112.7	158.1	222.9	312.8	413.8
-55°	10.5	10.5	12.0	22.2	41.4	71.1	108.6	150.9	215.6	298.6	396.5
-57.5°	10.5	10.5	11.3	21.4	39.1	67.3	103.8	144.6	205.5	283.7	376.1
-60°	10.5	10.5	10.5	20.4	36.3	62.7	98.1	137.5	192.6	266.0	352.5
-62.5°	10.5	10.5	10.5	19.3	34.3	57.4	90.2	128.1	176.6	245.0	325.1
-65°	10.5	10.5	10.5	18.1	32.1	51.4	81.3	116.1	157.3	217.5	293.9
-67.5°	10.5	10.5	10.5	16.7	29.6	46.2	71.5	101.9	135.0	185.1	252.5
-70°	10.5	10.5	10.5	15.2	26.9	42.0	60.9	86.8	115.6	149.3	204.1
-72.5°	10.5	10.5	10.5	14.8	24.0	37.4	53.7	71.0	95.4	123.8	156.2
-75°	10.5	10.5	10.5	14.7	20.9	32.6	46.8	59.9	74.3	97.5	124.2
-77.5°	10.5	10.5	10.5	14.5	19.8	27.5	39.5	50.3	61.6	73.9	91.1
-80°	10.5	10.5	10.5	14.3	19.1	24.8	32.0	40.5	49.7	59.5	70.1
-82.5°	10.5	10.5	10.5	14.1	18.3	23.3	28.9	32.9	37.4	44.9	52.9
-85°	10.5	10.5	10.5	13.8	17.5	21.7	26.3	29.9	33.4	36.8	40.3
-87.5°	10.5	10.5	10.5	13.5	16.6	20.1	23.7	26.8	29.8	32.9	35.9
-90°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	7.9	5.2	2.6	0.0



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CATALOG NUMBER: GFLD-SA6E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	34.1	36.8	39.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	3.1	2.7	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.9	5.6	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	6.0	3.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.2	0.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.7	3.0	2.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	6.0	6.4	4.3	1.7	0.0	0.6	1.5	1.1	0.0	0.5	1.3
67.5°	9.8	7.3	4.7	3.0	3.9	5.3	5.0	5.3	5.7	6.2	5.3
65°	10.2	7.7	7.9	9.2	10.3	11.3	12.2	13.0	10.9	9.5	9.7
62.5°	10.9	11.8	13.6	15.3	16.9	18.3	18.4	16.3	12.4	15.6	17.8
60°	15.6	17.2	19.4	21.5	23.5	24.7	23.6	23.8	26.5	30.7	59.0
57.5°	21.1	22.4	25.1	28.4	31.3	31.8	32.7	35.5	83.2	135.9	150.1
55°	26.5	27.7	32.1	37.3	40.4	40.1	57.6	121.4	183.2	253.8	279.9
52.5°	31.9	34.2	41.8	48.0	52.0	81.0	145.9	232.5	323.8	404.8	509.6
50°	37.4	45.0	52.8	62.0	98.8	174.4	269.3	387.6	525.1	654.7	787.4
47.5°	46.7	56.2	68.2	97.7	194.8	299.8	431.1	621.3	790.9	947.7	1129.6
45°	57.8	77.6	90.8	193.5	306.2	441.7	664.0	896.5	1050.5	1260.3	1582.2
42.5°	69.2	107.5	173.5	292.2	429.7	648.1	923.7	1121.9	1326.8	1666.9	2005.4
40°	99.5	144.1	261.8	402.9	577.1	895.6	1178.5	1402.9	1682.6	2059.7	2413.1
37.5°	136.4	219.9	351.7	521.1	808.4	1157.5	1460.6	1781.1	2102.6	2458.1	3113.6
35°	177.3	290.3	465.8	694.3	1039.9	1447.9	1809.3	2167.4	2538.0	3238.0	3888.3
32.5°	230.7	355.1	585.0	895.6	1290.0	1738.0	2157.5	2571.4	3165.8	3957.9	4610.6
30°	288.2	459.2	722.2	1081.9	1525.6	2003.7	2507.9	3009.2	3795.8	4451.3	5159.9
27.5°	348.3	569.1	883.0	1276.6	1746.2	2254.4	2823.5	3538.5	4240.1	4887.7	5666.5
25°	409.9	683.7	1030.1	1462.8	1963.2	2525.3	3179.9	4050.9	4599.6	5315.4	6127.7
22.5°	489.3	793.3	1175.8	1631.5	2164.3	2803.7	3638.5	4513.1	5159.0	5761.0	6554.5
20°	580.9	916.6	1334.2	1843.0	2361.4	3075.7	4094.6	5014.4	5774.1	6463.5	7192.3
17.5°	666.6	1031.9	1503.8	2059.0	2648.0	3424.2	4542.0	5560.1	6396.1	7164.3	8074.1
15°	745.8	1138.6	1669.8	2263.3	2929.9	3823.4	4943.3	6061.3	7016.0	7880.3	8914.2
12.5°	818.2	1236.1	1829.8	2454.4	3195.2	4167.6	5280.2	6371.5	7420.8	8547.0	9720.5
10°	883.5	1323.7	1980.8	2631.0	3441.2	4458.7	5558.6	6630.1	7688.8	8880.7	10184.4
7.5°	953.6	1405.7	2118.0	2791.4	3665.1	4699.2	5781.0	6837.7	7905.3	9147.5	10486.0
5°	1018.3	1481.1	2227.0	2906.4	3838.1	4886.8	5948.3	6995.3	8069.7	9346.3	10714.3
2.5°	1075.1	1544.5	2315.7	2996.5	3966.4	5024.9	6057.0	7126.7	8191.7	9507.9	10888.7
0°	1123.4	1595.9	2383.4	3065.8	4063.3	5123.7	6121.1	7213.1	8263.0	9617.4	11003.4
-2.5°	1154.3	1680.2	2429.9	3186.6	4148.0	5188.4	6178.4	7237.3	8339.8	9652.1	11132.1
-5°	1176.0	1748.4	2457.9	3279.7	4203.3	5216.9	6197.2	7218.6	8360.3	9643.4	11151.0
-7.5°	1188.6	1796.6	2471.0	3332.6	4222.8	5199.8	6165.3	7183.0	8326.8	9610.4	11067.6
-10°	1195.9	1811.7	2488.8	3316.6	4197.2	5143.5	6094.3	7099.6	8231.5	9503.0	10909.3
-12.5°	1215.6	1802.1	2485.7	3281.3	4142.0	5058.5	5989.0	6967.5	8072.8	9319.9	10690.3
-15°	1220.6	1780.4	2455.9	3229.4	4057.6	4947.3	5851.1	6786.4	7877.1	9141.4	10448.1
-17.5°	1209.6	1747.8	2397.7	3163.1	3944.6	4812.4	5688.8	6623.3	7693.6	8935.6	10193.8
-20°	1181.5	1705.4	2309.9	3084.7	3810.5	4662.6	5526.2	6452.3	7482.5	8649.9	9909.2



REPORT NUMBER: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	1135.4	1654.3	2214.8	2975.5	3694.7	4490.6	5335.6	6219.2	7218.1	8279.6	9526.5
-25°	1087.9	1596.5	2140.0	2825.3	3555.3	4289.7	5116.6	5934.2	6907.4	7949.9	9056.5
-27.5°	1042.9	1515.8	2062.1	2660.8	3391.2	4075.2	4869.0	5666.5	6558.0	7579.8	8598.6
-30°	984.0	1428.5	1967.0	2502.6	3195.1	3873.1	4592.8	5377.7	6179.4	7149.1	8151.5
-32.5°	931.9	1338.0	1858.8	2382.0	2984.2	3645.6	4295.1	5043.2	5825.6	6652.2	7642.7
-35°	897.1	1284.4	1744.1	2242.9	2769.0	3398.1	4015.8	4665.8	5423.6	6199.3	7069.0
-37.5°	868.9	1222.8	1623.4	2097.7	2598.6	3138.5	3716.8	4314.8	4976.0	5758.2	6575.9
-40°	824.6	1153.4	1534.0	1959.5	2401.4	2892.2	3429.1	3970.4	4543.6	5307.7	6114.5
-42.5°	767.7	1086.3	1449.6	1809.0	2212.7	2660.8	3138.0	3647.8	4198.7	4862.4	5604.0
-45°	724.1	1000.4	1355.9	1677.8	2012.0	2421.8	2869.9	3331.7	3851.3	4421.1	5087.2
-47.5°	668.5	907.1	1233.3	1534.1	1828.6	2178.4	2588.2	3025.3	3485.5	3998.9	4544.8
-50°	609.2	829.2	1083.4	1376.2	1657.0	1947.9	2297.5	2701.6	3119.2	3566.7	4053.8
-52.5°	564.1	738.2	970.2	1213.9	1481.5	1745.4	2043.0	2389.5	2762.5	3136.4	3564.9
-55°	513.1	671.1	862.3	1080.8	1308.6	1552.9	1823.9	2127.5	2431.4	2774.9	3116.8
-57.5°	477.2	606.6	772.3	962.2	1166.8	1374.4	1630.2	1886.7	2168.2	2452.4	2736.1
-60°	449.2	550.9	688.3	855.5	1037.9	1231.9	1441.8	1678.9	1921.2	2153.3	2398.4
-62.5°	417.1	505.6	613.1	749.4	914.2	1083.0	1267.8	1470.9	1690.2	1885.6	2075.6
-65°	375.6	452.5	544.7	655.7	785.2	927.8	1085.3	1256.5	1446.0	1604.6	1759.8
-67.5°	327.9	392.7	470.1	560.7	668.6	780.0	895.6	1040.3	1194.1	1323.5	1450.0
-70°	268.0	327.9	391.1	465.1	549.7	644.1	745.8	850.8	956.1	1061.7	1177.4
-72.5°	205.1	259.6	313.3	366.0	433.4	510.8	593.7	681.9	773.8	864.1	952.0
-75°	156.4	191.7	238.6	286.1	333.0	383.3	439.5	509.6	595.0	682.6	762.9
-77.5°	118.1	147.8	179.0	211.7	241.3	278.4	318.9	362.5	433.0	513.9	595.6
-80°	85.2	103.0	127.8	154.1	174.9	195.4	216.7	238.8	291.2	356.4	425.9
-82.5°	63.2	75.4	89.2	104.5	114.9	125.1	136.5	151.1	190.0	234.0	280.5
-85°	43.5	47.1	54.6	63.1	69.0	74.9	81.0	87.2	108.1	131.6	156.9
-87.5°	37.5	39.4	41.4	43.5	44.3	45.0	45.7	46.3	53.4	60.8	68.5
-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: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	42.0	44.6	47.3	49.9	52.5	55.1	57.8	60.4	63.0	63.0	63.0
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°	0.9	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4.8	5.4	5.5	4.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0
65°	11.1	10.6	7.9	5.1	2.5	4.0	6.4	7.6	7.7	6.9	5.3
62.5°	16.6	15.3	13.8	16.0	19.1	22.1	21.2	20.0	18.6	17.8	18.4
60°	62.1	41.4	47.8	60.1	56.1	38.5	63.3	71.6	61.0	41.7	40.3
57.5°	157.4	151.9	174.0	254.2	279.8	254.9	304.6	369.8	367.8	316.8	315.2
55°	335.3	449.9	588.2	610.6	706.8	899.7	1049.9	984.1	983.6	1033.1	1192.7
52.5°	636.9	745.0	785.3	892.7	1093.9	1239.9	1333.7	1430.8	1537.2	1645.8	1755.9
50°	934.7	1039.6	1158.8	1268.8	1547.3	1697.2	1672.2	1873.3	2130.7	2291.5	2374.1
47.5°	1370.9	1536.4	1788.3	2183.0	2390.8	2541.1	2727.9	2955.7	3250.7	3650.7	3958.9
45°	1884.7	2144.9	2534.7	2953.9	3276.4	3423.3	3637.2	3990.0	4460.3	4918.1	5252.6
42.5°	2304.6	2661.6	3101.2	3501.8	3764.9	4006.2	4283.0	4580.5	5119.2	5608.3	5994.8
40°	2852.6	3130.6	3623.8	4001.5	4236.9	4476.2	4914.9	5360.3	5866.8	6322.5	6639.1
37.5°	3547.1	3860.0	4373.0	4800.1	5026.8	5111.4	5857.5	6477.5	6889.1	7470.8	7661.0
35°	4293.2	4808.2	5461.9	6015.7	6238.0	6681.7	7450.3	8315.3	9252.6	9597.3	9891.2
32.5°	5125.6	5761.0	6648.0	7242.3	7559.5	8232.9	9205.6	10129.0	11354.5	12019.6	12218.5
30°	5887.1	6616.2	7378.6	7956.2	8498.6	9309.7	10196.7	11335.2	12468.4	13318.8	13583.0
27.5°	6446.0	7252.7	7985.6	8526.6	9138.6	10013.0	11119.0	12271.9	13384.3	14252.0	14560.3
25°	6979.3	7891.2	8471.6	9100.6	9819.2	10772.2	11997.8	13278.8	14374.5	15107.8	15485.9
22.5°	7586.1	8485.3	9108.3	9641.0	10580.7	11678.7	12816.4	14263.9	15424.7	16009.9	16419.8
20°	8212.4	9229.7	10192.0	10687.6	11500.7	12890.9	14164.5	15531.1	16652.0	17261.8	17693.6
17.5°	9086.2	10382.6	11562.9	12264.7	13135.3	14797.7	16386.8	17769.2	19328.6	19879.3	20407.1
15°	10007.6	11508.0	12890.7	14002.4	15127.0	16774.1	18819.9	20488.1	22267.3	23062.0	23960.4
12.5°	10926.1	12345.9	13598.6	15032.7	16617.7	18074.7	20022.4	22099.7	23714.3	24727.7	25332.5
10°	11612.6	12931.3	14136.7	15574.3	17156.3	18804.5	20739.8	22869.3	24559.4	25424.2	25917.9
7.5°	11983.2	13245.4	14516.8	15973.6	17548.5	19303.8	21297.9	23410.5	25138.8	25976.7	26464.0
5°	12258.5	13470.6	14787.2	16320.7	17913.1	19692.9	21684.2	23771.8	25347.6	26238.0	26854.3
2.5°	12425.0	13613.4	14959.5	16545.0	18141.3	19995.1	22082.6	24246.5	25625.2	26341.6	26908.4
0°	12473.3	13670.2	15056.1	16662.5	18300.4	20169.3	22237.7	24379.6	25776.0	26468.9	27046.4
-2.5°	12527.7	13760.0	15183.9	16738.6	18362.7	20226.3	22337.6	24424.7	25680.9	26380.0	26929.4
-5°	12489.7	13767.0	15186.6	16675.7	18310.4	20159.1	22186.0	24137.4	25451.5	26207.4	26753.6
-7.5°	12376.7	13672.1	15077.0	16508.2	18111.8	19981.5	21999.8	23878.9	25210.1	26007.3	26604.9
-10°	12212.2	13469.8	14884.5	16333.9	17918.2	19698.0	21685.3	23553.2	24827.2	25673.7	26370.3
-12.5°	12029.9	13261.5	14625.1	16015.4	17582.3	19340.1	21265.5	23033.7	24300.2	25223.4	25721.2
-15°	11759.9	12990.7	14294.2	15639.0	17166.4	18871.6	20710.9	22407.3	23651.0	24402.3	24952.4
-17.5°	11416.4	12624.0	13859.8	15135.3	16574.2	18253.6	20104.1	21777.1	22791.0	23462.0	24002.6
-20°	11048.4	12165.2	13336.0	14539.6	15934.2	17597.8	19415.2	20874.5	21830.0	22474.8	22985.3



REPORT NUMBER: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	10628.1	11703.6	12775.3	13925.8	15293.4	16818.6	18423.8	19834.1	20861.4	21448.6	21920.4
-25°	10148.3	11194.5	12212.3	13323.5	14580.3	15951.3	17443.9	18829.7	19749.9	20373.6	20841.4
-27.5°	9631.6	10614.5	11608.6	12606.6	13736.5	15102.5	16484.8	17772.3	18557.7	19186.3	19657.0
-30°	9115.9	10000.0	10919.8	11864.5	12924.9	14156.6	15449.6	16532.2	17360.5	17971.3	18408.3
-32.5°	8557.0	9395.9	10210.8	11093.8	12092.3	13177.7	14312.5	15342.2	16227.3	16786.8	17155.0
-35°	7984.5	8796.7	9542.5	10344.0	11224.7	12161.4	13208.8	14224.4	15098.5	15541.1	15900.1
-37.5°	7388.3	8198.1	8905.2	9574.7	10333.4	11200.9	12221.1	13190.1	13945.2	14325.8	14649.2
-40°	6869.8	7582.8	8219.2	8859.9	9476.7	10247.0	11199.1	12137.3	12743.2	13114.0	13414.5
-42.5°	6366.5	6967.8	7489.1	8063.4	8680.7	9440.2	10208.3	10995.0	11482.0	11893.6	12210.1
-45°	5780.3	6317.8	6806.5	7284.2	7847.2	8540.6	9238.4	9868.5	10324.6	10722.4	11030.7
-47.5°	5132.0	5650.9	6125.6	6552.6	7075.9	7654.1	8241.7	8766.1	9216.5	9609.6	9884.6
-50°	4527.7	4991.3	5454.8	5887.0	6340.4	6808.3	7284.9	7745.1	8172.6	8554.6	8788.7
-52.5°	3986.4	4414.2	4819.2	5197.1	5593.9	5989.2	6383.8	6805.3	7198.8	7560.3	7747.1
-55°	3496.6	3882.4	4247.8	4566.2	4884.5	5198.1	5536.4	5925.5	6287.8	6622.6	6756.8
-57.5°	3057.0	3387.1	3710.6	3979.8	4239.6	4489.0	4786.0	5114.5	5431.6	5718.6	5828.3
-60°	2652.6	2914.5	3185.0	3423.9	3650.4	3864.3	4123.3	4387.8	4644.9	4861.3	4954.7
-62.5°	2280.7	2504.7	2709.6	2903.7	3095.6	3288.2	3497.2	3707.0	3914.7	4081.4	4165.7
-65°	1922.0	2100.4	2265.1	2424.7	2579.6	2741.3	2904.9	3064.4	3218.2	3337.3	3410.4
-67.5°	1585.3	1721.0	1851.6	1976.0	2105.6	2236.7	2364.7	2486.9	2602.4	2694.4	2764.4
-70°	1286.9	1391.9	1494.1	1597.1	1705.3	1807.2	1903.7	1995.1	2081.0	2147.4	2201.2
-72.5°	1037.3	1122.5	1210.8	1303.6	1391.0	1467.2	1536.5	1603.3	1667.2	1704.7	1732.7
-75°	836.3	907.9	984.8	1059.8	1132.9	1190.8	1241.6	1290.9	1338.3	1340.8	1331.3
-77.5°	675.7	739.7	799.1	858.1	916.4	952.1	983.2	1015.3	1047.7	1029.0	999.3
-80°	495.9	549.3	599.7	650.5	701.2	722.3	737.1	749.9	760.7	736.1	705.8
-82.5°	329.1	362.7	395.5	429.0	462.8	476.3	486.4	494.8	501.4	479.2	453.7
-85°	183.6	199.8	215.7	231.7	247.7	257.2	265.8	273.8	281.0	267.8	252.9
-87.5°	76.3	80.0	83.6	87.1	90.5	93.9	97.2	100.4	103.6	104.0	104.4
-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: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	60.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.1	0.5	0.0	0.0	0.0	0.5	3.1	5.3	6.9	7.7	7.6
62.5°	19.2	20.1	20.8	21.0	20.8	20.1	19.2	18.4	17.8	18.6	20.0
60°	37.1	32.5	31.4	31.5	31.4	32.5	37.1	40.3	41.7	61.0	71.6
57.5°	291.1	249.2	255.5	283.5	255.5	249.2	291.1	315.2	316.8	367.8	369.8
55°	1360.2	1518.4	1574.2	1543.4	1574.2	1518.4	1360.2	1192.7	1033.1	983.6	984.1
52.5°	1842.9	1907.8	1932.8	1931.9	1932.8	1907.8	1842.9	1755.9	1645.8	1537.2	1430.8
50°	2399.1	2377.3	2343.5	2309.9	2343.5	2377.3	2399.1	2374.1	2291.5	2130.7	1873.3
47.5°	4003.9	3934.6	3905.3	3958.3	3905.3	3934.6	4003.9	3958.9	3650.7	3250.7	2955.7
45°	5320.7	5402.0	5462.8	5459.7	5462.8	5402.0	5320.7	5252.6	4918.1	4460.3	3990.0
42.5°	6070.5	6113.8	6126.4	6110.6	6126.4	6113.8	6070.5	5994.8	5608.3	5119.2	4580.5
40°	6738.7	6790.4	6819.4	6845.6	6819.4	6790.4	6738.7	6639.1	6322.5	5866.8	5360.3
37.5°	7723.8	7742.7	7701.4	7675.0	7701.4	7742.7	7723.8	7661.0	7470.8	6889.1	6477.5
35°	10138.9	10188.4	10073.9	10194.9	10073.9	10188.4	10138.9	9891.2	9597.3	9252.6	8315.3
32.5°	12455.2	12687.1	12874.5	13029.7	12874.5	12687.1	12455.2	12218.5	12019.6	11354.5	10129.0
30°	13767.4	13916.9	13997.3	14016.7	13997.3	13916.9	13767.4	13583.0	13318.8	12468.4	11335.2
27.5°	14730.7	14887.5	14985.1	15056.1	14985.1	14887.5	14730.7	14560.3	14252.0	13384.3	12271.9
25°	15659.2	15802.6	15900.1	15938.1	15900.1	15802.6	15659.2	15485.9	15107.8	14374.5	13278.8
22.5°	16622.7	16722.3	16816.0	16862.0	16816.0	16722.3	16622.7	16419.8	16009.9	15424.7	14263.9
20°	18003.8	17949.6	18035.1	18006.4	18035.1	17949.6	18003.8	17693.6	17261.8	16652.0	15531.1
17.5°	20818.5	20847.6	20904.8	20998.8	20904.8	20847.6	20818.5	20407.1	19879.3	19328.6	17769.2
15°	24358.3	24429.5	24791.6	25114.5	24791.6	24429.5	24358.3	23960.4	23062.0	22267.3	20488.1
12.5°	25893.7	26140.2	26178.5	26269.5	26178.5	26140.2	25893.7	25332.5	24727.7	23714.3	22099.7
10°	26406.1	26833.0	26823.8	26930.9	26823.8	26833.0	26406.1	25917.9	25424.2	24559.4	22869.3
7.5°	26794.8	27253.2	27447.0	27529.4	27447.0	27253.2	26794.8	26464.0	25976.7	25138.8	23410.5
5°	27269.6	27521.6	27856.0	27760.4	27856.0	27521.6	27269.6	26854.3	26238.0	25347.6	23771.8
2.5°	27468.6	27863.4	27772.3	27865.4	27772.3	27863.4	27468.6	26908.4	26341.6	25625.2	24246.5
0°	27602.9	27886.4	27928.4	28022.9	27928.4	27886.4	27602.9	27046.4	26468.9	25776.0	24379.6
-2.5°	27440.1	27689.6	28126.4	27991.4	28126.4	27689.6	27440.1	26929.4	26380.0	25680.9	24424.7
-5°	27297.3	27911.4	27672.9	27970.4	27672.9	27911.4	27297.3	26753.6	26207.4	25451.5	24137.4
-7.5°	27223.6	27333.4	27491.7	27718.4	27491.7	27333.4	27223.6	26604.9	26007.3	25210.1	23878.9
-10°	26653.7	26766.0	27056.8	27214.4	27056.8	26766.0	26653.7	26370.3	25673.7	24827.2	23553.2
-12.5°	26035.7	26253.1	26558.6	26657.9	26558.6	26253.1	26035.7	25721.2	25223.4	24300.2	23033.7
-15°	25323.7	25646.7	25944.5	26007.0	25944.5	25646.7	25323.7	24952.4	24402.3	23651.0	22407.3
-17.5°	24418.4	24805.7	25118.6	25188.0	25118.6	24805.7	24418.4	24002.6	23462.0	22791.0	21777.1
-20°	23420.9	23791.9	24057.9	24138.1	24057.9	23791.9	23420.9	22985.3	22474.8	21830.0	20874.5



REPORT NUMBER: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22352.9	22686.9	22911.8	22878.2	22911.8	22686.9	22352.9	21920.4	21448.6	20861.4	19834.1
-25°	21218.9	21528.9	21743.2	21712.7	21743.2	21528.9	21218.9	20841.4	20373.6	19749.9	18829.7
-27.5°	20020.2	20313.8	20519.7	20526.3	20519.7	20313.8	20020.2	19657.0	19186.3	18557.7	17772.3
-30°	18760.6	19027.2	19194.5	19129.9	19194.5	19027.2	18760.6	18408.3	17971.3	17360.5	16532.2
-32.5°	17461.3	17702.5	17855.8	17901.4	17855.8	17702.5	17461.3	17155.0	16786.8	16227.3	15342.2
-35°	16179.8	16392.4	16524.8	16557.5	16524.8	16392.4	16179.8	15900.1	15541.1	15098.5	14224.4
-37.5°	14906.5	15089.5	15182.0	15140.1	15182.0	15089.5	14906.5	14649.2	14325.8	13945.2	13190.1
-40°	13648.3	13822.6	13928.5	13953.7	13928.5	13822.6	13648.3	13414.5	13114.0	12743.2	12137.3
-42.5°	12411.3	12556.1	12649.1	12693.8	12649.1	12556.1	12411.3	12210.1	11893.6	11482.0	10995.0
-45°	11210.6	11340.1	11427.4	11475.8	11427.4	11340.1	11210.6	11030.7	10722.4	10324.6	9868.5
-47.5°	10042.5	10156.1	10231.4	10268.4	10231.4	10156.1	10042.5	9884.6	9609.6	9216.5	8766.1
-50°	8925.6	9024.0	9094.1	9134.5	9094.1	9024.0	8925.6	8788.7	8554.6	8172.6	7745.1
-52.5°	7866.2	7952.1	8011.9	8042.5	8011.9	7952.1	7866.2	7747.1	7560.3	7198.8	6805.3
-55°	6854.7	6924.4	6979.7	7013.6	6979.7	6924.4	6854.7	6756.8	6622.6	6287.8	5925.5
-57.5°	5911.4	5968.3	6020.7	6058.1	6020.7	5968.3	5911.4	5828.3	5718.6	5431.6	5114.5
-60°	5028.5	5082.2	5126.8	5155.2	5126.8	5082.2	5028.5	4954.7	4861.3	4644.9	4387.8
-62.5°	4231.6	4279.2	4320.1	4346.7	4320.1	4279.2	4231.6	4165.7	4081.4	3914.7	3707.0
-65°	3467.9	3510.5	3541.0	3559.3	3541.0	3510.5	3467.9	3410.4	3337.3	3218.2	3064.4
-67.5°	2824.0	2873.1	2882.9	2876.8	2882.9	2873.1	2824.0	2764.4	2694.4	2602.4	2486.9
-70°	2249.3	2290.9	2300.7	2299.4	2300.7	2290.9	2249.3	2201.2	2147.4	2081.0	1995.1
-72.5°	1758.8	1781.4	1762.1	1732.4	1762.1	1781.4	1758.8	1732.7	1704.7	1667.2	1603.3
-75°	1319.7	1305.3	1284.9	1259.9	1284.9	1305.3	1319.7	1331.3	1340.8	1338.3	1290.9
-77.5°	966.5	930.7	907.4	881.9	907.4	930.7	966.5	999.3	1029.0	1047.7	1015.3
-80°	673.0	638.0	613.8	588.0	613.8	638.0	673.0	705.8	736.1	760.7	749.9
-82.5°	426.4	397.5	382.9	367.5	382.9	397.5	426.4	453.7	479.2	501.4	494.8
-85°	236.8	219.8	209.8	199.5	209.8	219.8	236.8	252.9	267.8	281.0	273.8
-87.5°	104.6	104.8	99.7	94.5	99.7	104.8	104.6	104.4	104.0	103.6	100.4
-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: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	57.8	55.1	52.5	49.9	47.3	44.6	42.0	39.4	36.8	34.1	31.5
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	0.3	0.3	0.0	0.0	0.9	1.3	0.5	0.0	1.1
67.5°	0.0	0.0	1.9	4.3	5.5	5.4	4.8	5.3	6.2	5.7	5.3
65°	6.4	4.0	2.5	5.1	7.9	10.6	11.1	9.7	9.5	10.9	13.0
62.5°	21.2	22.1	19.1	16.0	13.8	15.3	16.6	17.8	15.6	12.4	16.3
60°	63.3	38.5	56.1	60.1	47.8	41.4	62.1	59.0	30.7	26.5	23.8
57.5°	304.6	254.9	279.8	254.2	174.0	151.9	157.4	150.1	135.9	83.2	35.5
55°	1049.9	899.7	706.8	610.6	588.2	449.9	335.3	279.9	253.8	183.2	121.4
52.5°	1333.7	1239.9	1093.9	892.7	785.3	745.0	636.9	509.6	404.8	323.8	232.5
50°	1672.2	1697.2	1547.3	1268.8	1158.8	1039.6	934.7	787.4	654.7	525.1	387.6
47.5°	2727.9	2541.1	2390.8	2183.0	1788.3	1536.4	1370.9	1129.6	947.7	790.9	621.3
45°	3637.2	3423.3	3276.4	2953.9	2534.7	2144.9	1884.7	1582.2	1260.3	1050.5	896.5
42.5°	4283.0	4006.2	3764.9	3501.8	3101.2	2661.6	2304.6	2005.4	1666.9	1326.8	1121.9
40°	4914.9	4476.2	4236.9	4001.5	3623.8	3130.6	2852.6	2413.1	2059.7	1682.6	1402.9
37.5°	5857.5	5111.4	5026.8	4800.1	4373.0	3860.0	3547.1	3113.6	2458.1	2102.6	1781.1
35°	7450.3	6681.7	6238.0	6015.7	5461.9	4808.2	4293.2	3888.3	3238.0	2538.0	2167.4
32.5°	9205.6	8232.9	7559.5	7242.3	6648.0	5761.0	5125.6	4610.6	3957.9	3165.8	2571.4
30°	10196.7	9309.7	8498.6	7956.2	7378.6	6616.2	5887.1	5159.9	4451.3	3795.8	3009.2
27.5°	11119.0	10013.0	9138.6	8526.6	7985.6	7252.7	6446.0	5666.5	4887.7	4240.1	3538.5
25°	11997.8	10772.2	9819.2	9100.6	8471.6	7891.2	6979.3	6127.7	5315.4	4599.6	4050.9
22.5°	12816.4	11678.7	10580.7	9641.0	9108.3	8485.3	7586.1	6554.5	5761.0	5159.0	4513.1
20°	14164.5	12890.9	11500.7	10687.6	10192.0	9229.7	8212.4	7192.3	6463.5	5774.1	5014.4
17.5°	16386.8	14797.7	13135.3	12264.7	11562.9	10382.6	9086.2	8074.1	7164.3	6396.1	5560.1
15°	18819.9	16774.1	15127.0	14002.4	12890.7	11508.0	10007.6	8914.2	7880.3	7016.0	6061.3
12.5°	20022.4	18074.7	16617.7	15032.7	13598.6	12345.9	10926.1	9720.5	8547.0	7420.8	6371.5
10°	20739.8	18804.5	17156.3	15574.3	14136.7	12931.3	11612.6	10184.4	8880.7	7688.8	6630.1
7.5°	21297.9	19303.8	17548.5	15973.6	14516.8	13245.4	11983.2	10486.0	9147.5	7905.3	6837.7
5°	21684.2	19692.9	17913.1	16320.7	14787.2	13470.6	12258.5	10714.3	9346.3	8069.7	6995.3
2.5°	22082.6	19995.1	18141.3	16545.0	14959.5	13613.4	12425.0	10888.7	9507.9	8191.7	7126.7
0°	22237.7	20169.3	18300.4	16662.5	15056.1	13670.2	12473.3	11003.4	9617.4	8263.0	7213.1
-2.5°	22337.6	20226.3	18362.7	16738.6	15183.9	13760.0	12527.7	11132.1	9652.1	8339.8	7237.3
-5°	22186.0	20159.1	18310.4	16675.7	15186.6	13767.0	12489.7	11151.0	9643.4	8360.3	7218.6
-7.5°	21999.8	19981.5	18111.8	16508.2	15077.0	13672.1	12376.7	11067.6	9610.4	8326.8	7183.0
-10°	21685.3	19698.0	17918.2	16333.9	14884.5	13469.8	12212.2	10909.3	9503.0	8231.5	7099.6
-12.5°	21265.5	19340.1	17582.3	16015.4	14625.1	13261.5	12029.9	10690.3	9319.9	8072.8	6967.5
-15°	20710.9	18871.6	17166.4	15639.0	14294.2	12990.7	11759.9	10448.1	9141.4	7877.1	6786.4
-17.5°	20104.1	18253.6	16574.2	15135.3	13859.8	12624.0	11416.4	10193.8	8935.6	7693.6	6623.3
-20°	19415.2	17597.8	15934.2	14539.6	13336.0	12165.2	11048.4	9909.2	8649.9	7482.5	6452.3

Classified

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

Scaled Data Report



REPORT NUMBER: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	18423.8	16818.6	15293.4	13925.8	12775.3	11703.6	10628.1	9526.5	8279.6	7218.1	6219.2
-25°	17443.9	15951.3	14580.3	13323.5	12212.3	11194.5	10148.3	9056.5	7949.9	6907.4	5934.2
-27.5°	16484.8	15102.5	13736.5	12606.6	11608.6	10614.5	9631.6	8598.6	7579.8	6558.0	5666.5
-30°	15449.6	14156.6	12924.9	11864.5	10919.8	10000.0	9115.9	8151.5	7149.1	6179.4	5377.7
-32.5°	14312.5	13177.7	12092.3	11093.8	10210.8	9395.9	8557.0	7642.7	6652.2	5825.6	5043.2
-35°	13208.8	12161.4	11224.7	10344.0	9542.5	8796.7	7984.5	7069.0	6199.3	5423.6	4665.8
-37.5°	12221.1	11200.9	10333.4	9574.7	8905.2	8198.1	7388.3	6575.9	5758.2	4976.0	4314.8
-40°	11199.1	10247.0	9476.7	8859.9	8219.2	7582.8	6869.8	6114.5	5307.7	4543.6	3970.4
-42.5°	10208.3	9440.2	8680.7	8063.4	7489.1	6967.8	6366.5	5604.0	4862.4	4198.7	3647.8
-45°	9238.4	8540.6	7847.2	7284.2	6806.5	6317.8	5780.3	5087.2	4421.1	3851.3	3331.7
-47.5°	8241.7	7654.1	7075.9	6552.6	6125.6	5650.9	5132.0	4544.8	3998.9	3485.5	3025.3
-50°	7284.9	6808.3	6340.4	5887.0	5454.8	4991.3	4527.7	4053.8	3566.7	3119.2	2701.6
-52.5°	6383.8	5989.2	5593.9	5197.1	4819.2	4414.2	3986.4	3564.9	3136.4	2762.5	2389.5
-55°	5536.4	5198.1	4884.5	4566.2	4247.8	3882.4	3496.6	3116.8	2774.9	2431.4	2127.5
-57.5°	4786.0	4489.0	4239.6	3979.8	3710.6	3387.1	3057.0	2736.1	2452.4	2168.2	1886.7
-60°	4123.3	3864.3	3650.4	3423.9	3185.0	2914.5	2652.6	2398.4	2153.3	1921.2	1678.9
-62.5°	3497.2	3288.2	3095.6	2903.7	2709.6	2504.7	2280.7	2075.6	1885.6	1690.2	1470.9
-65°	2904.9	2741.3	2579.6	2424.7	2265.1	2100.4	1922.0	1759.8	1604.6	1446.0	1256.5
-67.5°	2364.7	2236.7	2105.6	1976.0	1851.6	1721.0	1585.3	1450.0	1323.5	1194.1	1040.3
-70°	1903.7	1807.2	1705.3	1597.1	1494.1	1391.9	1286.9	1177.4	1061.7	956.1	850.8
-72.5°	1536.5	1467.2	1391.0	1303.6	1210.8	1122.5	1037.3	952.0	864.1	773.8	681.9
-75°	1241.6	1190.8	1132.9	1059.8	984.8	907.9	836.3	762.9	682.6	595.0	509.6
-77.5°	983.2	952.1	916.4	858.1	799.1	739.7	675.7	595.6	513.9	433.0	362.5
-80°	737.1	722.3	701.2	650.5	599.7	549.3	495.9	425.9	356.4	291.2	238.8
-82.5°	486.4	476.3	462.8	429.0	395.5	362.7	329.1	280.5	234.0	190.0	151.1
-85°	265.8	257.2	247.7	231.7	215.7	199.8	183.6	156.9	131.6	108.1	87.2
-87.5°	97.2	93.9	90.5	87.1	83.6	80.0	76.3	68.5	60.8	53.4	46.3
-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: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	28.9	26.3	23.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.5	5.5
85°	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.6	1.7	3.2
82.5°	0.0	0.0	0.0	0.2	1.7	2.7	3.1	2.8	1.5	0.2	0.8
80°	0.0	0.0	0.0	0.3	2.6	5.6	6.9	7.2	5.5	3.8	2.1
77.5°	0.0	0.0	0.0	0.1	1.1	3.0	6.0	9.5	9.5	7.3	5.2
75°	0.0	0.0	0.0	0.4	0.7	0.2	2.2	5.5	8.5	10.4	8.2
72.5°	0.0	0.0	0.0	1.3	2.8	3.0	1.7	1.8	6.1	8.9	10.4
70°	1.5	0.6	0.0	1.7	4.3	6.4	6.0	4.8	4.0	7.7	9.9
67.5°	5.0	5.3	3.9	3.0	4.7	7.3	9.8	9.4	8.1	6.8	9.7
65°	12.2	11.3	10.3	9.2	7.9	7.7	10.2	12.9	12.2	10.5	9.6
62.5°	18.4	18.3	16.9	15.3	13.6	11.8	10.9	14.5	15.9	14.1	11.9
60°	23.6	24.7	23.5	21.5	19.4	17.2	15.6	16.4	18.3	17.7	15.0
57.5°	32.7	31.8	31.3	28.4	25.1	22.4	21.1	20.5	21.0	20.8	18.2
55°	57.6	40.1	40.4	37.3	32.1	27.7	26.5	25.5	24.4	24.0	21.3
52.5°	145.9	81.0	52.0	48.0	41.8	34.2	31.9	30.5	28.9	27.4	24.3
50°	269.3	174.4	98.8	62.0	52.8	45.0	37.4	35.4	33.3	31.1	27.3
47.5°	431.1	299.8	194.8	97.7	68.2	56.2	46.7	40.3	37.8	35.1	30.2
45°	664.0	441.7	306.2	193.5	90.8	77.6	57.8	45.2	42.2	38.7	33.1
42.5°	923.7	648.1	429.7	292.2	173.5	107.5	69.2	54.8	46.5	42.6	36.3
40°	1178.5	895.6	577.1	402.9	261.8	144.1	99.5	65.5	50.9	46.8	39.9
37.5°	1460.6	1157.5	808.4	521.1	351.7	219.9	136.4	76.3	57.8	51.2	43.6
35°	1809.3	1447.9	1039.9	694.3	465.8	290.3	177.3	97.1	71.0	55.8	47.4
32.5°	2157.5	1738.0	1290.0	895.6	585.0	355.1	230.7	138.6	86.6	60.6	51.3
30°	2507.9	2003.7	1525.6	1081.9	722.2	459.2	288.2	178.9	104.2	65.6	55.3
27.5°	2823.5	2254.4	1746.2	1276.6	883.0	569.1	348.3	217.9	123.9	74.3	59.4
25°	3179.9	2525.3	1963.2	1462.8	1030.1	683.7	409.9	256.2	152.7	89.5	63.5
22.5°	3638.5	2803.7	2164.3	1631.5	1175.8	793.3	489.3	306.7	184.2	105.5	67.7
20°	4094.6	3075.7	2361.4	1843.0	1334.2	916.6	580.9	356.9	214.2	122.1	71.8
17.5°	4542.0	3424.2	2648.0	2059.0	1503.8	1031.9	666.6	406.3	242.5	139.0	75.8
15°	4943.3	3823.4	2929.9	2263.3	1669.8	1138.6	745.8	454.3	268.9	156.0	81.1
12.5°	5280.2	4167.6	3195.2	2454.4	1829.8	1236.1	818.2	500.2	293.5	174.9	88.4
10°	5558.6	4458.7	3441.2	2631.0	1980.8	1323.7	883.5	546.3	322.0	194.9	96.1
7.5°	5781.0	4699.2	3665.1	2791.4	2118.0	1405.7	953.6	594.7	349.8	214.0	103.9
5°	5948.3	4886.8	3838.1	2906.4	2227.0	1481.1	1018.3	639.3	375.5	231.8	111.6
2.5°	6057.0	5024.9	3966.4	2996.5	2315.7	1544.5	1075.1	679.3	399.1	248.1	119.1
0°	6121.1	5123.7	4063.3	3065.8	2383.4	1595.9	1123.4	714.0	420.0	262.5	126.0
-2.5°	6178.4	5188.4	4148.0	3186.6	2429.9	1680.2	1154.3	745.3	453.2	272.9	138.8
-5°	6197.2	5216.9	4203.3	3279.7	2457.9	1748.4	1176.0	770.8	482.2	281.3	150.5
-7.5°	6165.3	5199.8	4222.8	3332.6	2471.0	1796.6	1188.6	790.8	505.9	287.9	160.8
-10°	6094.3	5143.5	4197.2	3316.6	2488.8	1811.7	1195.9	805.5	523.1	292.7	169.3
-12.5°	5989.0	5058.5	4142.0	3281.3	2485.7	1802.1	1215.6	817.0	532.1	296.0	175.6
-15°	5851.1	4947.3	4057.6	3229.4	2455.9	1780.4	1220.6	821.2	531.1	302.2	179.4
-17.5°	5688.8	4812.4	3944.6	3163.1	2397.7	1747.8	1209.6	816.1	525.8	311.2	183.3
-20°	5526.2	4662.6	3810.5	3084.7	2309.9	1705.4	1181.5	801.1	516.1	317.1	187.0

Classified

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

Scaled Data Report



REPORT NUMBER: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	5335.6	4490.6	3694.7	2975.5	2214.8	1654.3	1135.4	775.7	502.3	319.7	188.7
-25°	5116.6	4289.7	3555.3	2825.3	2140.0	1596.5	1087.9	739.4	484.5	318.8	188.1
-27.5°	4869.0	4075.2	3391.2	2660.8	2062.1	1515.8	1042.9	712.8	469.3	314.3	185.3
-30°	4592.8	3873.1	3195.1	2502.6	1967.0	1428.5	984.0	683.0	462.5	308.4	180.1
-32.5°	4295.1	3645.6	2984.2	2382.0	1858.8	1338.0	931.9	649.3	451.0	300.9	180.4
-35°	4015.8	3398.1	2769.0	2242.9	1744.1	1284.4	897.1	611.9	434.7	290.5	181.4
-37.5°	3716.8	3138.5	2598.6	2097.7	1623.4	1222.8	868.9	595.2	413.6	277.0	180.7
-40°	3429.1	2892.2	2401.4	1959.5	1534.0	1153.4	824.6	576.5	393.4	260.7	178.3
-42.5°	3138.0	2660.8	2212.7	1809.0	1449.6	1086.3	767.7	547.9	377.1	251.3	174.2
-45°	2869.9	2421.8	2012.0	1677.8	1355.9	1000.4	724.1	512.0	357.0	244.6	170.5
-47.5°	2588.2	2178.4	1828.6	1534.1	1233.3	907.1	668.5	483.7	332.9	235.8	168.0
-50°	2297.5	1947.9	1657.0	1376.2	1083.4	829.2	609.2	450.0	324.3	228.8	163.9
-52.5°	2043.0	1745.4	1481.5	1213.9	970.2	738.2	564.1	413.8	312.8	222.9	158.1
-55°	1823.9	1552.9	1308.6	1080.8	862.3	671.1	513.1	396.5	298.6	215.6	150.9
-57.5°	1630.2	1374.4	1166.8	962.2	772.3	606.6	477.2	376.1	283.7	205.5	144.6
-60°	1441.8	1231.9	1037.9	855.5	688.3	550.9	449.2	352.5	266.0	192.6	137.5
-62.5°	1267.8	1083.0	914.2	749.4	613.1	505.6	417.1	325.1	245.0	176.6	128.1
-65°	1085.3	927.8	785.2	655.7	544.7	452.5	375.6	293.9	217.5	157.3	116.1
-67.5°	895.6	780.0	668.6	560.7	470.1	392.7	327.9	252.5	185.1	135.0	101.9
-70°	745.8	644.1	549.7	465.1	391.1	327.9	268.0	204.1	149.3	115.6	86.8
-72.5°	593.7	510.8	433.4	366.0	313.3	259.6	205.1	156.2	123.8	95.4	71.0
-75°	439.5	383.3	333.0	286.1	238.6	191.7	156.4	124.2	97.5	74.3	59.9
-77.5°	318.9	278.4	241.3	211.7	179.0	147.8	118.1	91.1	73.9	61.6	50.3
-80°	216.7	195.4	174.9	154.1	127.8	103.0	85.2	70.1	59.5	49.7	40.5
-82.5°	136.5	125.1	114.9	104.5	89.2	75.4	63.2	52.9	44.9	37.4	32.9
-85°	81.0	74.9	69.0	63.1	54.6	47.1	43.5	40.3	36.8	33.4	29.9
-87.5°	45.7	45.0	44.3	43.5	41.4	39.4	37.5	35.9	32.9	29.8	26.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	5.2	7.9

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Scaled Data Report



REPORT NUMBER: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	21.0	18.4	15.8	13.1	10.5	10.5	10.5
87.5°	7.8	8.8	9.6	10.2	10.5	10.5	10.5
85°	5.1	7.1	8.7	9.8	10.5	10.5	10.5
82.5°	2.5	5.5	7.8	9.5	10.5	10.5	10.5
80°	0.5	3.9	7.0	9.2	10.5	10.5	10.5
77.5°	3.2	3.5	6.2	8.9	10.5	10.5	10.5
75°	5.9	5.2	5.7	8.7	10.5	10.5	10.5
72.5°	8.4	6.8	6.7	8.5	10.5	10.5	10.5
70°	10.5	8.4	7.5	8.4	10.5	10.5	10.5
67.5°	10.8	9.8	8.4	8.8	10.5	10.5	10.5
65°	11.2	10.9	9.1	9.1	10.5	10.5	10.5
62.5°	11.8	11.7	9.8	9.4	10.5	10.5	10.5
60°	12.5	12.6	10.5	9.7	10.5	10.5	10.5
57.5°	15.0	13.6	11.5	10.0	10.6	10.5	10.5
55°	17.6	14.7	12.5	10.2	10.8	10.5	10.5
52.5°	20.2	16.1	13.7	10.3	11.0	10.5	10.5
50°	22.8	18.2	14.8	10.4	11.2	10.5	10.5
47.5°	25.3	20.3	16.0	10.7	11.5	10.5	10.5
45°	27.8	22.4	17.3	11.7	11.8	10.5	10.5
42.5°	30.2	24.4	18.6	12.7	12.1	10.5	10.5
40°	32.5	26.3	20.1	13.9	12.5	10.5	10.5
37.5°	34.8	28.2	21.6	15.3	12.9	10.5	10.5
35°	37.0	30.0	23.0	16.7	13.3	10.5	10.5
32.5°	39.4	31.8	24.4	18.0	13.8	10.5	10.5
30°	42.5	33.5	25.8	19.4	14.3	10.5	10.5
27.5°	45.7	35.1	27.4	20.6	14.9	10.5	10.5
25°	48.8	36.6	29.1	21.8	15.4	10.5	10.5
22.5°	51.8	38.3	30.7	23.0	16.0	10.5	10.5
20°	54.8	40.2	32.2	24.2	16.6	10.5	10.5
17.5°	57.9	42.0	33.7	25.3	17.2	10.5	10.5
15°	60.8	43.8	35.1	26.3	17.7	10.5	10.5
12.5°	63.5	45.5	36.4	27.3	18.3	10.5	10.5
10°	65.9	47.1	37.7	28.3	18.9	10.5	10.5
7.5°	68.2	48.6	38.9	29.2	19.5	10.5	10.5
5°	70.2	50.0	40.0	30.0	20.0	10.5	10.5
2.5°	72.0	51.3	41.0	30.8	20.5	10.5	10.5
0°	73.5	52.5	42.0	31.5	21.0	10.5	10.5
-2.5°	77.6	53.6	42.9	31.5	21.0	10.5	10.5
-5°	81.3	54.6	43.7	31.4	20.9	10.5	10.5
-7.5°	84.6	55.5	44.3	31.2	20.8	10.5	10.5
-10°	87.3	56.3	44.8	31.0	20.7	10.5	10.5
-12.5°	89.3	57.0	45.1	30.7	20.5	10.5	10.5
-15°	90.6	57.6	45.3	30.4	20.3	10.5	10.5
-17.5°	91.1	58.0	45.2	30.0	20.0	10.5	10.5
-20°	93.4	58.4	44.9	29.6	19.7	10.5	10.5

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REPORT NUMBER: P628000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	99.4	58.6	44.4	29.1	19.4	10.5	10.5
-25°	104.3	62.5	43.6	28.5	19.0	10.5	10.5
-27.5°	108.1	67.4	42.5	27.9	18.6	10.5	10.5
-30°	110.8	71.6	41.5	27.3	18.2	10.5	10.5
-32.5°	112.2	75.1	43.0	26.5	17.7	10.5	10.5
-35°	115.2	77.8	44.1	25.8	17.2	10.5	10.5
-37.5°	118.3	79.5	44.9	25.0	16.7	10.5	10.5
-40°	120.2	80.1	45.2	24.1	16.1	10.5	10.5
-42.5°	120.8	80.2	45.5	23.6	15.5	10.5	10.5
-45°	120.2	79.6	45.7	23.7	14.8	10.5	10.5
-47.5°	118.4	78.4	45.4	23.6	14.2	10.5	10.5
-50°	115.9	76.6	44.6	23.3	13.5	10.5	10.5
-52.5°	112.7	74.2	43.2	22.8	12.8	10.5	10.5
-55°	108.6	71.1	41.4	22.2	12.0	10.5	10.5
-57.5°	103.8	67.3	39.1	21.4	11.3	10.5	10.5
-60°	98.1	62.7	36.3	20.4	10.5	10.5	10.5
-62.5°	90.2	57.4	34.3	19.3	10.5	10.5	10.5
-65°	81.3	51.4	32.1	18.1	10.5	10.5	10.5
-67.5°	71.5	46.2	29.6	16.7	10.5	10.5	10.5
-70°	60.9	42.0	26.9	15.2	10.5	10.5	10.5
-72.5°	53.7	37.4	24.0	14.8	10.5	10.5	10.5
-75°	46.8	32.6	20.9	14.7	10.5	10.5	10.5
-77.5°	39.5	27.5	19.8	14.5	10.5	10.5	10.5
-80°	32.0	24.8	19.1	14.3	10.5	10.5	10.5
-82.5°	28.9	23.3	18.3	14.1	10.5	10.5	10.5
-85°	26.3	21.7	17.5	13.8	10.5	10.5	10.5
-87.5°	23.7	20.1	16.6	13.5	10.5	10.5	10.5
-90°	10.5	10.5	10.5	10.5	10.5	10.5	10.5

(END OF REPORT)