

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: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-735-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N144
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

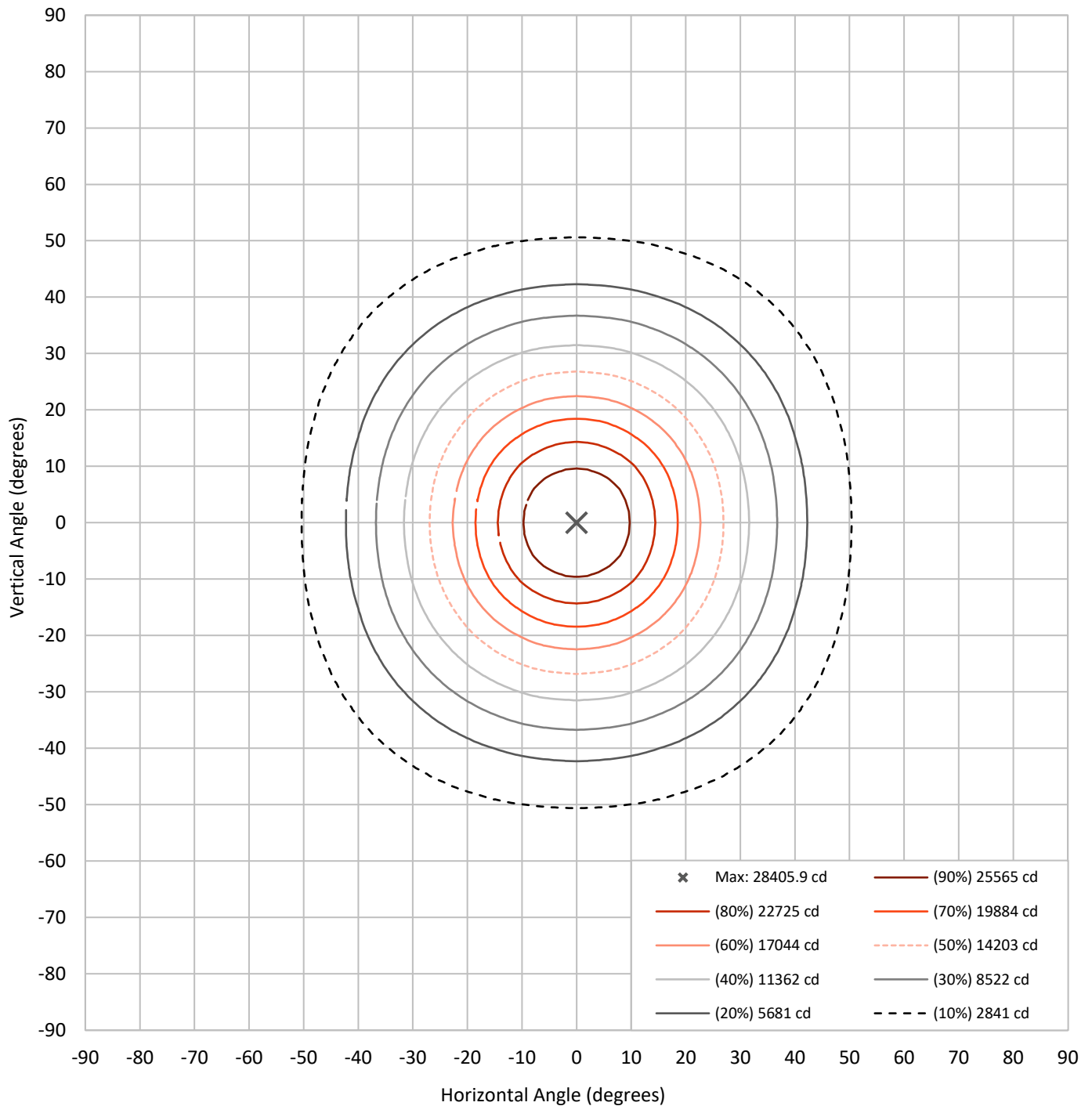
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	28910.6 lumens	Max Intensity:	28405.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	151.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	13823.3 lumens	Field Lumens:	25514.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





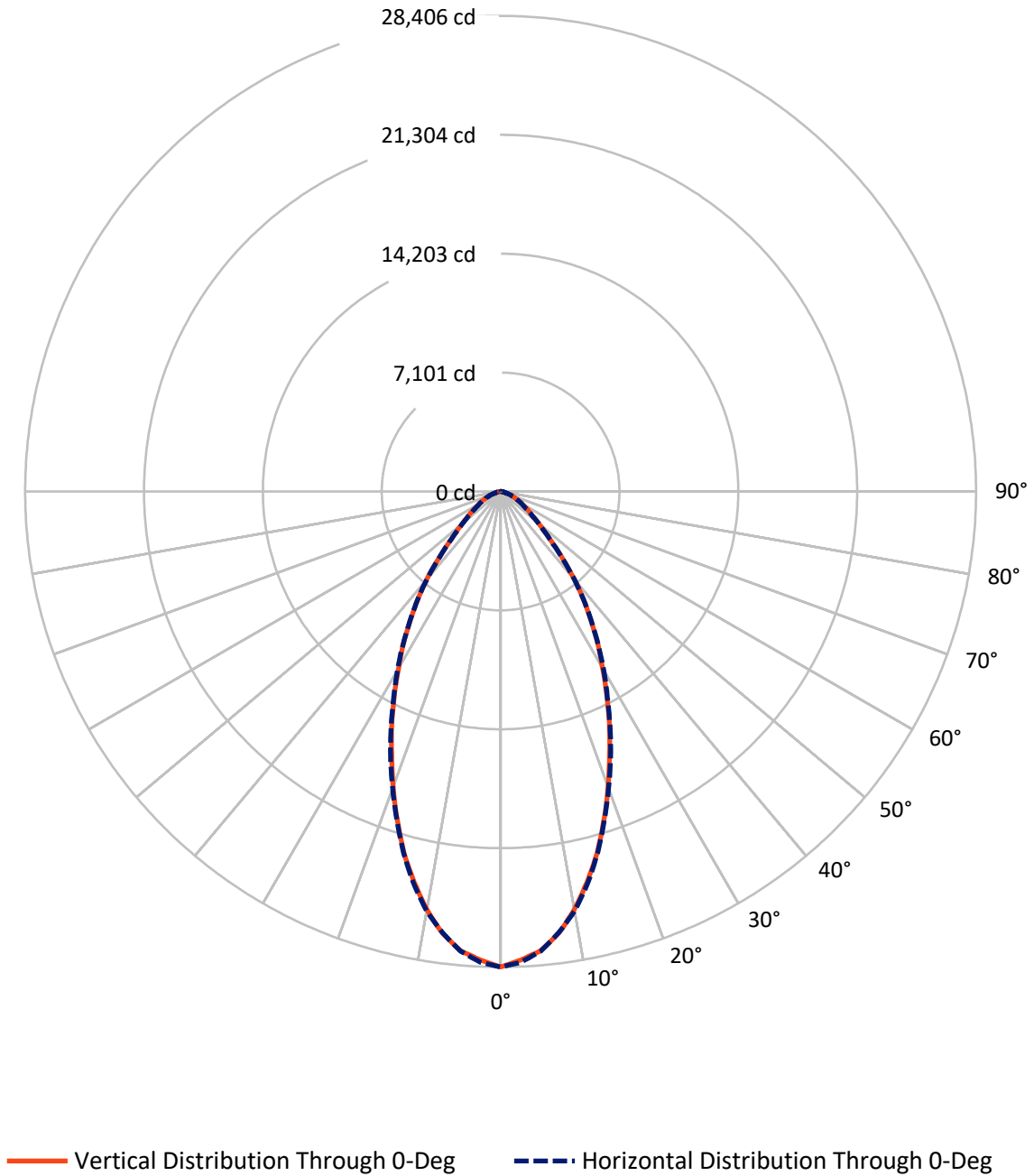
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Lumen Table

90																			
80	1.1	8.0		18.2		30.3		25.9		30.3		18.2		8.0		1.1			
70																			
60	3.8	4.4	8.3	13.3	19.3	25.0	29.4	31.4	31.4	29.4	25.0	19.3	13.3	8.3	4.4	3.8			
50		6.2	12.5	21.7	33.3	45.8	57.1	63.7	63.7	57.1	45.8	33.3	21.7	12.5	6.2				
40	5.5	8.0	17.3	32.4	54.6	83.9	115.7	136.9	136.9	115.7	83.9	54.6	32.4	17.3	8.0	5.5			
30		9.7	22.7	47.1	91.6	162.7	236.4	280.4	280.4	236.4	162.7	91.6	47.1	22.7	9.7				
20	6.5	11.3	28.3	65.9	148.1	266.3	381.0	455.4	455.4	381.0	266.3	148.1	65.9	28.3	11.3	6.5			
10		12.6	33.2	85.4	202.2	359.5	530.9	653.1	653.1	530.9	359.5	202.2	85.4	33.2	12.6				
0	6.9	13.2	35.9	98.1	232.8	418.0	636.1	800.0	800.0	636.1	418.0	232.8	98.1	35.9	13.2	6.9			
-10		13.2	35.9	98.1	232.8	418.0	636.1	800.0	800.0	636.1	418.0	232.8	98.1	35.9	13.2				
-20	6.5	12.6	33.2	85.4	202.2	359.5	530.9	653.1	653.1	530.9	359.5	202.2	85.4	33.2	12.6	6.5			
-30		11.3	28.3	65.9	148.1	266.3	381.0	455.4	455.4	381.0	266.3	148.1	65.9	28.3	11.3				
-40	5.5	9.7	22.7	47.1	91.6	162.7	236.4	280.4	280.4	236.4	162.7	91.6	47.1	22.7	9.7	5.5			
-50		8.0	17.3	32.4	54.6	83.9	115.7	136.9	136.9	115.7	83.9	54.6	32.4	17.3	8.0				
-60	3.8	6.2	12.5	21.7	33.3	45.8	57.1	63.7	63.7	57.1	45.8	33.3	21.7	12.5	6.2	3.8			
-70		4.4	8.3	13.3	19.3	25.0	29.4	31.4	31.4	29.4	25.0	19.3	13.3	8.3	4.4				
-80																			
-90	1.1	8.0		18.2		30.3		25.9		30.3		18.2		8.0		1.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

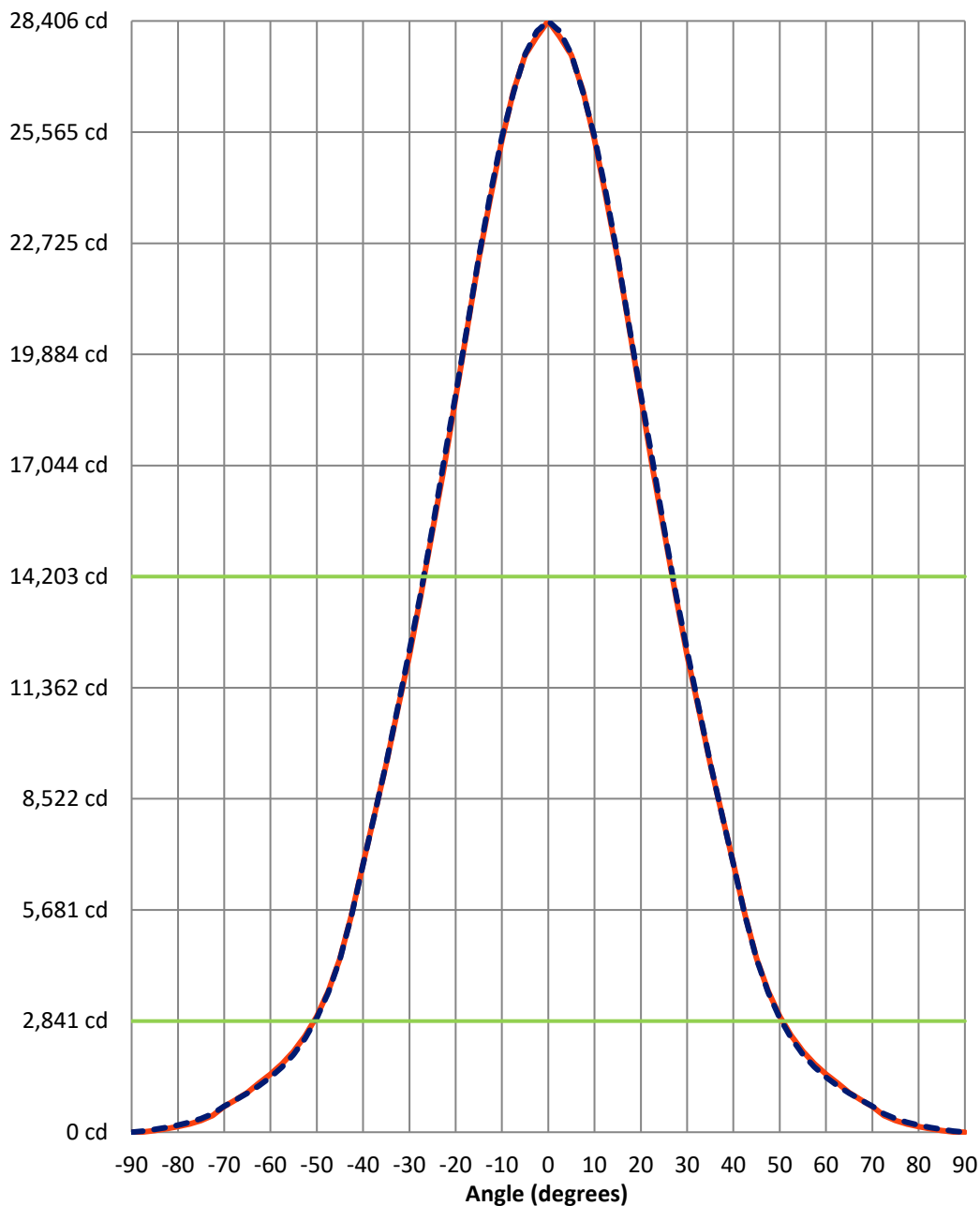
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 13823.3
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 25514.6
 Efficiency: 88.3%

Spill:
 Lumens: 3396
 Efficiency: 11.7%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.4	3.3	5.4	7.8	10.5	13.5	14.9	16.1	17.1	17.8
85°	0.0	2.9	6.6	10.8	15.6	21.0	26.9	29.9	32.3	34.2	35.7
82.5°	0.0	4.3	9.9	16.2	23.4	31.4	40.3	44.8	49.4	57.3	64.2
80°	0.0	5.7	13.2	21.5	31.1	41.7	54.7	68.0	79.6	89.9	99.1
77.5°	0.0	7.1	16.4	26.8	38.6	54.3	78.1	95.3	109.7	122.5	135.3
75°	0.0	8.5	19.5	32.0	46.8	71.0	100.9	122.6	139.8	157.2	175.9
72.5°	0.0	9.9	22.6	37.0	57.9	87.1	122.9	149.3	170.0	192.2	215.9
70°	0.0	11.2	25.6	42.3	68.7	102.7	143.8	174.5	199.7	226.6	258.4
67.5°	0.0	12.5	28.5	48.9	79.1	117.5	161.9	199.2	228.8	262.3	300.4
65°	0.0	13.8	31.4	55.2	88.9	131.1	179.1	223.3	257.5	296.6	340.1
62.5°	0.0	15.0	34.1	61.2	98.1	143.6	195.4	246.2	285.1	329.5	377.0
60°	0.0	16.2	36.7	66.8	106.8	155.3	210.6	267.9	311.3	361.3	412.8
57.5°	0.0	17.4	39.9	72.0	114.8	166.2	224.4	287.5	337.9	392.0	445.8
55°	0.0	18.5	43.0	76.9	122.3	176.3	237.1	303.0	363.9	421.5	477.3
52.5°	0.0	19.5	46.0	81.3	129.1	185.4	248.7	320.0	388.8	449.6	508.2
50°	0.0	20.5	48.8	85.3	135.4	193.9	259.3	335.9	412.9	477.0	542.1
47.5°	0.0	21.5	51.5	89.0	140.9	201.5	269.1	350.4	436.7	503.6	575.3
45°	0.0	22.4	54.0	92.6	145.8	208.3	280.1	363.4	453.8	532.5	607.5
42.5°	0.0	23.2	56.4	95.8	150.1	214.1	289.9	376.1	469.4	560.2	640.8
40°	0.0	24.0	58.7	99.3	153.9	219.1	298.5	388.6	484.8	586.1	672.9
37.5°	0.0	24.7	60.8	102.9	157.3	223.1	305.9	399.8	501.8	606.5	703.5
35°	0.0	25.4	62.8	106.2	160.1	227.7	312.0	409.8	518.0	628.9	734.7
32.5°	0.0	26.0	64.5	109.2	162.2	232.0	317.6	418.5	533.4	651.6	766.7
30°	0.0	26.5	66.2	111.9	163.7	235.3	323.8	427.0	548.0	674.6	796.8
27.5°	0.0	27.0	67.6	114.3	167.1	237.7	329.0	437.6	563.2	697.7	825.1
25°	0.0	27.4	68.9	116.4	170.5	239.2	332.9	447.1	580.2	720.3	851.4
22.5°	0.0	27.7	70.0	118.1	173.5	241.0	335.7	455.4	596.5	741.0	880.3
20°	0.0	28.0	71.0	119.6	176.0	245.4	337.4	462.5	611.7	759.7	906.0
17.5°	0.0	28.2	71.8	120.8	178.2	249.0	341.2	468.1	625.8	776.1	928.7
15°	0.0	28.4	72.4	121.6	179.9	251.9	345.7	473.5	638.5	790.3	948.2
12.5°	0.0	28.5	72.8	122.2	181.1	253.9	349.0	478.4	649.2	802.2	964.4
10°	0.0	28.5	73.0	122.4	182.0	255.2	351.0	481.1	657.6	812.0	977.6
7.5°	0.0	28.5	73.1	122.4	182.3	255.8	351.9	481.7	663.4	819.6	987.8
5°	0.0	28.4	73.0	122.0	182.2	255.6	351.5	480.3	666.6	824.8	994.6
2.5°	0.0	28.3	72.7	121.4	181.7	254.6	350.0	476.9	667.0	827.3	997.9
0°	0.0	28.1	72.3	120.5	180.7	253.0	347.3	471.8	664.5	827.1	997.8
-2.5°	0.0	28.3	72.7	121.4	181.7	254.6	350.0	476.9	667.0	827.3	997.9
-5°	0.0	28.4	73.0	122.0	182.2	255.6	351.5	480.3	666.6	824.8	994.6
-7.5°	0.0	28.5	73.1	122.4	182.3	255.8	351.9	481.7	663.4	819.6	987.8
-10°	0.0	28.5	73.0	122.4	182.0	255.2	351.0	481.1	657.6	812.0	977.6
-12.5°	0.0	28.5	72.8	122.2	181.1	253.9	349.0	478.4	649.2	802.2	964.4
-15°	0.0	28.4	72.4	121.6	179.9	251.9	345.7	473.5	638.5	790.3	948.2
-17.5°	0.0	28.2	71.8	120.8	178.2	249.0	341.2	468.1	625.8	776.1	928.7
-20°	0.0	28.0	71.0	119.6	176.0	245.4	337.4	462.5	611.7	759.7	906.0

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CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	27.7	70.0	118.1	173.5	241.0	335.7	455.4	596.5	741.0	880.3
-25°	0.0	27.4	68.9	116.4	170.5	239.2	332.9	447.1	580.2	720.3	851.4
-27.5°	0.0	27.0	67.6	114.3	167.1	237.7	329.0	437.6	563.2	697.7	825.1
-30°	0.0	26.5	66.2	111.9	163.7	235.3	323.8	427.0	548.0	674.6	796.8
-32.5°	0.0	26.0	64.5	109.2	162.2	232.0	317.6	418.5	533.4	651.6	766.7
-35°	0.0	25.4	62.8	106.2	160.1	227.7	312.0	409.8	518.0	628.9	734.7
-37.5°	0.0	24.7	60.8	102.9	157.3	223.1	305.9	399.8	501.8	606.5	703.5
-40°	0.0	24.0	58.7	99.3	153.9	219.1	298.5	388.6	484.8	586.1	672.9
-42.5°	0.0	23.2	56.4	95.8	150.1	214.1	289.9	376.1	469.4	560.2	640.8
-45°	0.0	22.4	54.0	92.6	145.8	208.3	280.1	363.4	453.8	532.5	607.5
-47.5°	0.0	21.5	51.5	89.0	140.9	201.5	269.1	350.4	436.7	503.6	575.3
-50°	0.0	20.5	48.8	85.3	135.4	193.9	259.3	335.9	412.9	477.0	542.1
-52.5°	0.0	19.5	46.0	81.3	129.1	185.4	248.7	320.0	388.8	449.6	508.2
-55°	0.0	18.5	43.0	76.9	122.3	176.3	237.1	303.0	363.9	421.5	477.3
-57.5°	0.0	17.4	39.9	72.0	114.8	166.2	224.4	287.5	337.9	392.0	445.8
-60°	0.0	16.2	36.7	66.8	106.8	155.3	210.6	267.9	311.3	361.3	412.8
-62.5°	0.0	15.0	34.1	61.2	98.1	143.6	195.4	246.2	285.1	329.5	377.0
-65°	0.0	13.8	31.4	55.2	88.9	131.1	179.1	223.3	257.5	296.6	340.1
-67.5°	0.0	12.5	28.5	48.9	79.1	117.5	161.9	199.2	228.8	262.3	300.4
-70°	0.0	11.2	25.6	42.3	68.7	102.7	143.8	174.5	199.7	226.6	258.4
-72.5°	0.0	9.9	22.6	37.0	57.9	87.1	122.9	149.3	170.0	192.2	215.9
-75°	0.0	8.5	19.5	32.0	46.8	71.0	100.9	122.6	139.8	157.2	175.9
-77.5°	0.0	7.1	16.4	26.8	38.6	54.3	78.1	95.3	109.7	122.5	135.3
-80°	0.0	5.7	13.2	21.5	31.1	41.7	54.7	68.0	79.6	89.9	99.1
-82.5°	0.0	4.3	9.9	16.2	23.4	31.4	40.3	44.8	49.4	57.3	64.2
-85°	0.0	2.9	6.6	10.8	15.6	21.0	26.9	29.9	32.3	34.2	35.7
-87.5°	0.0	1.4	3.3	5.4	7.8	10.5	13.5	14.9	16.1	17.1	17.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.1	18.1	17.8	17.3	16.5	15.5	14.3	12.8	13.3	13.9	14.4
85°	36.2	36.2	39.2	42.0	43.3	43.4	42.6	40.8	46.1	52.1	58.6
82.5°	70.7	76.8	82.6	88.0	88.6	87.2	84.5	81.4	92.1	105.1	118.7
80°	108.3	117.4	127.8	137.5	139.8	138.8	135.8	130.8	145.0	165.0	186.7
77.5°	150.4	164.7	178.1	190.4	194.0	193.4	191.1	187.2	205.1	232.9	261.8
75°	194.6	212.0	229.3	244.4	250.9	251.4	250.6	254.9	278.6	311.0	339.7
72.5°	240.8	263.0	282.4	299.1	309.4	317.4	327.9	340.8	364.7	396.6	424.7
70°	289.7	314.3	334.7	353.2	369.1	386.5	408.7	430.7	455.9	487.8	517.0
67.5°	337.9	362.8	385.9	408.6	437.7	465.4	493.1	521.9	553.6	587.1	616.6
65°	382.6	410.7	438.9	471.9	509.7	541.1	575.2	612.6	654.3	692.0	726.2
62.5°	425.4	457.1	492.1	532.0	572.8	612.2	658.0	706.1	754.8	802.0	848.8
60°	461.6	501.2	543.5	588.6	635.7	689.4	743.0	800.3	858.5	915.3	973.1
57.5°	496.4	545.3	594.1	646.6	705.4	766.7	831.1	895.6	965.1	1033.9	1099.6
55°	532.6	590.1	645.7	707.9	775.2	847.3	920.0	998.2	1075.0	1161.5	1241.4
52.5°	571.2	633.8	699.1	770.2	848.9	930.1	1015.4	1105.1	1200.7	1296.9	1394.5
50°	608.8	679.4	752.1	837.1	925.1	1018.0	1116.5	1220.9	1332.2	1443.6	1561.7
47.5°	648.1	723.5	812.3	904.7	1005.5	1111.2	1222.7	1346.9	1470.6	1610.8	1746.3
45°	687.0	773.6	869.9	977.3	1088.0	1207.0	1339.7	1476.0	1633.9	1792.3	1970.3
42.5°	724.2	824.2	932.9	1047.7	1173.6	1310.4	1457.2	1628.6	1806.7	2002.7	2211.6
40°	767.1	872.5	995.0	1123.3	1259.7	1416.1	1592.7	1783.1	2000.3	2232.5	2469.8
37.5°	808.6	927.0	1056.2	1195.3	1353.7	1529.8	1724.8	1958.2	2208.8	2472.8	2795.6
35°	847.6	978.9	1119.2	1271.7	1443.2	1647.3	1880.5	2138.4	2427.2	2767.7	3144.4
32.5°	888.9	1028.0	1178.7	1349.8	1543.9	1766.9	2031.7	2335.3	2677.1	3064.9	3536.1
30°	930.6	1078.6	1237.8	1422.9	1638.9	1896.9	2197.9	2533.4	2926.6	3413.0	3966.2
27.5°	969.1	1125.8	1300.3	1500.4	1731.3	2016.8	2357.5	2750.8	3214.0	3763.7	4410.0
25°	1004.5	1168.8	1357.7	1574.2	1833.1	2146.3	2515.8	2951.3	3501.7	4157.1	4952.1
22.5°	1038.3	1208.1	1409.5	1640.6	1924.9	2271.7	2687.4	3185.8	3794.2	4529.8	5483.3
20°	1069.9	1250.5	1461.1	1704.1	2006.9	2384.8	2845.3	3404.8	4097.1	4967.9	6004.1
17.5°	1097.7	1287.8	1509.8	1772.8	2098.4	2499.9	2994.2	3598.0	4366.7	5359.1	6484.6
15°	1121.7	1320.1	1552.0	1832.2	2180.7	2614.1	3150.4	3810.0	4647.9	5714.9	6906.6
12.5°	1141.6	1347.1	1587.4	1882.3	2249.8	2710.7	3283.9	3998.9	4921.8	6050.0	7277.0
10°	1157.5	1368.7	1615.9	1922.7	2305.6	2789.2	3393.8	4153.4	5149.8	6337.3	7590.4
7.5°	1170.7	1385.6	1637.8	1953.3	2347.8	2849.1	3479.4	4272.7	5327.9	6564.8	7830.9
5°	1180.1	1397.7	1654.4	1974.7	2378.7	2890.9	3539.3	4356.1	5454.6	6729.6	7995.4
2.5°	1185.4	1404.3	1664.0	1986.1	2397.7	2914.6	3570.7	4408.4	5524.3	6823.7	8094.8
0°	1186.5	1405.3	1666.3	1987.5	2403.1	2919.1	3575.6	4424.8	5539.0	6848.0	8130.9
-2.5°	1185.4	1404.3	1664.0	1986.1	2397.7	2914.6	3570.7	4408.4	5524.3	6823.7	8094.8
-5°	1180.1	1397.7	1654.4	1974.7	2378.7	2890.9	3539.3	4356.1	5454.6	6729.6	7995.4
-7.5°	1170.7	1385.6	1637.8	1953.3	2347.8	2849.1	3479.4	4272.7	5327.9	6564.8	7830.9
-10°	1157.5	1368.7	1615.9	1922.7	2305.6	2789.2	3393.8	4153.4	5149.8	6337.3	7590.4
-12.5°	1141.6	1347.1	1587.4	1882.3	2249.8	2710.7	3283.9	3998.9	4921.8	6050.0	7277.0
-15°	1121.7	1320.1	1552.0	1832.2	2180.7	2614.1	3150.4	3810.0	4647.9	5714.9	6906.6
-17.5°	1097.7	1287.8	1509.8	1772.8	2098.4	2499.9	2994.2	3598.0	4366.7	5359.1	6484.6
-20°	1069.9	1250.5	1461.1	1704.1	2006.9	2384.8	2845.3	3404.8	4097.1	4967.9	6004.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1038.3	1208.1	1409.5	1640.6	1924.9	2271.7	2687.4	3185.8	3794.2	4529.8	5483.3
-25°	1004.5	1168.8	1357.7	1574.2	1833.1	2146.3	2515.8	2951.3	3501.7	4157.1	4952.1
-27.5°	969.1	1125.8	1300.3	1500.4	1731.3	2016.8	2357.5	2750.8	3214.0	3763.7	4410.0
-30°	930.6	1078.6	1237.8	1422.9	1638.9	1896.9	2197.9	2533.4	2926.6	3413.0	3966.2
-32.5°	888.9	1028.0	1178.7	1349.8	1543.9	1766.9	2031.7	2335.3	2677.1	3064.9	3536.1
-35°	847.6	978.9	1119.2	1271.7	1443.2	1647.3	1880.5	2138.4	2427.2	2767.7	3144.4
-37.5°	808.6	927.0	1056.2	1195.3	1353.7	1529.8	1724.8	1958.2	2208.8	2472.8	2795.6
-40°	767.1	872.5	995.0	1123.3	1259.7	1416.1	1592.7	1783.1	2000.3	2232.5	2469.8
-42.5°	724.2	824.2	932.9	1047.7	1173.6	1310.4	1457.2	1628.6	1806.7	2002.7	2211.6
-45°	687.0	773.6	869.9	977.3	1088.0	1207.0	1339.7	1476.0	1633.9	1792.3	1970.3
-47.5°	648.1	723.5	812.3	904.7	1005.5	1111.2	1222.7	1346.9	1470.6	1610.8	1746.3
-50°	608.8	679.4	752.1	837.1	925.1	1018.0	1116.5	1220.9	1332.2	1443.6	1561.7
-52.5°	571.2	633.8	699.1	770.2	848.9	930.1	1015.4	1105.1	1200.7	1296.9	1394.5
-55°	532.6	590.1	645.7	707.9	775.2	847.3	920.0	998.2	1075.0	1161.5	1241.4
-57.5°	496.4	545.3	594.1	646.6	705.4	766.7	831.1	895.6	965.1	1033.9	1099.6
-60°	461.6	501.2	543.5	588.6	635.7	689.4	743.0	800.3	858.5	915.3	973.1
-62.5°	425.4	457.1	492.1	532.0	572.8	612.2	658.0	706.1	754.8	802.0	848.8
-65°	382.6	410.7	438.9	471.9	509.7	541.1	575.2	612.6	654.3	692.0	726.2
-67.5°	337.9	362.8	385.9	408.6	437.7	465.4	493.1	521.9	553.6	587.1	616.6
-70°	289.7	314.3	334.7	353.2	369.1	386.5	408.7	430.7	455.9	487.8	517.0
-72.5°	240.8	263.0	282.4	299.1	309.4	317.4	327.9	340.8	364.7	396.6	424.7
-75°	194.6	212.0	229.3	244.4	250.9	251.4	250.6	254.9	278.6	311.0	339.7
-77.5°	150.4	164.7	178.1	190.4	194.0	193.4	191.1	187.2	205.1	232.9	261.8
-80°	108.3	117.4	127.8	137.5	139.8	138.8	135.8	130.8	145.0	165.0	186.7
-82.5°	70.7	76.8	82.6	88.0	88.6	87.2	84.5	81.4	92.1	105.1	118.7
-85°	36.2	36.2	39.2	42.0	43.3	43.4	42.6	40.8	46.1	52.1	58.6
-87.5°	18.1	18.1	17.8	17.3	16.5	15.5	14.3	12.8	13.3	13.9	14.4
-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: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.8	14.4	14.0	13.4	12.8	12.5	12.3	11.9	11.6	10.7	9.9
85°	65.3	66.8	67.6	68.0	68.0	70.1	72.2	74.0	75.6	68.6	60.8
82.5°	132.8	139.0	144.5	149.9	155.2	158.9	161.8	163.8	165.1	149.5	131.9
80°	209.0	222.1	232.9	243.3	253.2	255.6	255.6	254.2	251.5	230.1	205.9
77.5°	290.7	307.8	321.4	334.8	348.1	353.0	355.3	357.2	358.4	331.9	299.3
75°	364.7	385.1	404.2	421.8	438.1	446.8	451.9	456.0	459.3	432.7	397.7
72.5°	449.1	470.8	491.4	511.0	528.3	539.7	547.2	553.3	558.1	543.0	521.1
70°	542.0	564.4	586.2	606.6	626.1	641.5	653.6	664.0	672.7	674.4	673.7
67.5°	645.2	671.6	697.5	719.7	742.8	764.6	783.7	799.6	812.4	820.7	825.4
65°	760.9	800.6	836.0	866.0	891.0	920.0	945.6	965.2	979.0	989.4	998.4
62.5°	897.3	945.5	985.9	1025.8	1067.1	1107.1	1132.2	1157.3	1181.9	1205.0	1224.8
60°	1028.6	1081.4	1136.1	1187.1	1234.4	1277.9	1322.8	1362.6	1397.5	1426.7	1448.4
57.5°	1168.5	1232.7	1295.0	1359.8	1420.8	1477.6	1533.2	1584.4	1628.8	1666.0	1696.5
55°	1320.3	1398.9	1473.0	1555.2	1634.9	1707.6	1774.5	1843.1	1904.9	1959.3	2002.5
52.5°	1484.1	1586.3	1684.3	1780.8	1884.1	1977.4	2060.9	2155.9	2240.3	2310.0	2364.3
50°	1679.5	1799.6	1929.0	2048.6	2179.0	2307.3	2425.6	2540.3	2652.4	2749.4	2827.8
47.5°	1902.1	2049.9	2210.1	2368.8	2530.6	2706.0	2862.6	3008.1	3164.8	3300.9	3410.1
45°	2149.4	2337.9	2531.5	2754.5	2959.9	3185.3	3394.0	3581.3	3803.6	3999.4	4157.1
42.5°	2423.9	2675.0	2929.5	3210.4	3482.9	3769.1	4073.1	4342.7	4637.6	4918.7	5145.8
40°	2764.1	3064.2	3405.1	3745.1	4136.3	4503.9	4946.6	5349.1	5714.5	6049.7	6324.4
37.5°	3142.2	3528.5	3956.7	4399.6	4934.9	5459.6	5978.0	6467.3	6899.4	7266.2	7573.9
35°	3571.3	4062.2	4580.9	5227.4	5854.6	6483.1	7068.5	7603.4	8073.4	8487.2	8839.1
32.5°	4065.0	4654.1	5380.2	6106.5	6822.0	7513.9	8156.7	8740.1	9255.4	9720.1	10124.8
30°	4584.0	5387.8	6202.7	6999.6	7781.0	8538.9	9244.4	9886.9	10469.2	10986.5	11452.8
27.5°	5243.5	6134.3	7023.0	7881.9	8741.6	9571.1	10335.6	11049.4	11717.6	12302.2	12835.2
25°	5881.4	6865.6	7810.2	8746.8	9682.5	10573.1	11428.0	12234.2	12999.5	13670.5	14265.5
22.5°	6519.3	7549.3	8558.7	9565.8	10571.0	11563.8	12523.7	13447.4	14303.2	15067.3	15737.1
20°	7110.0	8186.8	9266.3	10351.9	11441.5	12528.2	13606.3	14645.8	15599.2	16481.4	17256.6
17.5°	7639.6	8784.8	9929.3	11090.5	12271.7	13451.5	14649.1	15814.4	16904.4	17908.1	18807.5
15°	8108.6	9303.6	10532.7	11785.8	13054.2	14335.5	15642.3	16946.1	18173.1	19313.1	20317.1
12.5°	8518.7	9761.0	11049.3	12380.7	13757.3	15153.3	16579.4	18008.6	19366.9	20683.1	21767.2
10°	8857.0	10150.1	11496.6	12895.5	14347.3	15849.7	17379.7	18918.1	20414.6	21810.9	23050.6
7.5°	9118.3	10459.8	11847.3	13302.3	14825.4	16409.8	18030.6	19663.1	21260.1	22764.6	24136.3
5°	9302.7	10685.3	12090.2	13603.7	15179.7	16821.6	18506.1	20207.4	21876.9	23458.8	24880.4
2.5°	9409.7	10820.7	12231.6	13786.9	15390.4	17070.8	18801.0	20530.2	22243.7	23884.5	25345.4
0°	9437.9	10861.3	12312.8	13806.4	15456.7	17187.3	18855.6	20590.2	22371.0	23989.1	25444.7
-2.5°	9409.7	10820.7	12231.6	13786.9	15390.4	17070.8	18801.0	20530.2	22243.7	23884.5	25345.4
-5°	9302.7	10685.3	12090.2	13603.7	15179.7	16821.6	18506.1	20207.4	21876.9	23458.8	24880.4
-7.5°	9118.3	10459.8	11847.3	13302.3	14825.4	16409.8	18030.6	19663.1	21260.1	22764.6	24136.3
-10°	8857.0	10150.1	11496.6	12895.5	14347.3	15849.7	17379.7	18918.1	20414.6	21810.9	23050.6
-12.5°	8518.7	9761.0	11049.3	12380.7	13757.3	15153.3	16579.4	18008.6	19366.9	20683.1	21767.2
-15°	8108.6	9303.6	10532.7	11785.8	13054.2	14335.5	15642.3	16946.1	18173.1	19313.1	20317.1
-17.5°	7639.6	8784.8	9929.3	11090.5	12271.7	13451.5	14649.1	15814.4	16904.4	17908.1	18807.5
-20°	7110.0	8186.8	9266.3	10351.9	11441.5	12528.2	13606.3	14645.8	15599.2	16481.4	17256.6

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Scaled Data Report



REPORT NUMBER: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6519.3	7549.3	8558.7	9565.8	10571.0	11563.8	12523.7	13447.4	14303.2	15067.3	15737.1
-25°	5881.4	6865.6	7810.2	8746.8	9682.5	10573.1	11428.0	12234.2	12999.5	13670.5	14265.5
-27.5°	5243.5	6134.3	7023.0	7881.9	8741.6	9571.1	10335.6	11049.4	11717.6	12302.2	12835.2
-30°	4584.0	5387.8	6202.7	6999.6	7781.0	8538.9	9244.4	9886.9	10469.2	10986.5	11452.8
-32.5°	4065.0	4654.1	5380.2	6106.5	6822.0	7513.9	8156.7	8740.1	9255.4	9720.1	10124.8
-35°	3571.3	4062.2	4580.9	5227.4	5854.6	6483.1	7068.5	7603.4	8073.4	8487.2	8839.1
-37.5°	3142.2	3528.5	3956.7	4399.6	4934.9	5459.6	5978.0	6467.3	6899.4	7266.2	7573.9
-40°	2764.1	3064.2	3405.1	3745.1	4136.3	4503.9	4946.6	5349.1	5714.5	6049.7	6324.4
-42.5°	2423.9	2675.0	2929.5	3210.4	3482.9	3769.1	4073.1	4342.7	4637.6	4918.7	5145.8
-45°	2149.4	2337.9	2531.5	2754.5	2959.9	3185.3	3394.0	3581.3	3803.6	3999.4	4157.1
-47.5°	1902.1	2049.9	2210.1	2368.8	2530.6	2706.0	2862.6	3008.1	3164.8	3300.9	3410.1
-50°	1679.5	1799.6	1929.0	2048.6	2179.0	2307.3	2425.6	2540.3	2652.4	2749.4	2827.8
-52.5°	1484.1	1586.3	1684.3	1780.8	1884.1	1977.4	2060.9	2155.9	2240.3	2310.0	2364.3
-55°	1320.3	1398.9	1473.0	1555.2	1634.9	1707.6	1774.5	1843.1	1904.9	1959.3	2002.5
-57.5°	1168.5	1232.7	1295.0	1359.8	1420.8	1477.6	1533.2	1584.4	1628.8	1666.0	1696.5
-60°	1028.6	1081.4	1136.1	1187.1	1234.4	1277.9	1322.8	1362.6	1397.5	1426.7	1448.4
-62.5°	897.3	945.5	985.9	1025.8	1067.1	1107.1	1132.2	1157.3	1181.9	1205.0	1224.8
-65°	760.9	800.6	836.0	866.0	891.0	920.0	945.6	965.2	979.0	989.4	998.4
-67.5°	645.2	671.6	697.5	719.7	742.8	764.6	783.7	799.6	812.4	820.7	825.4
-70°	542.0	564.4	586.2	606.6	626.1	641.5	653.6	664.0	672.7	674.4	673.7
-72.5°	449.1	470.8	491.4	511.0	528.3	539.7	547.2	553.3	558.1	543.0	521.1
-75°	364.7	385.1	404.2	421.8	438.1	446.8	451.9	456.0	459.3	432.7	397.7
-77.5°	290.7	307.8	321.4	334.8	348.1	353.0	355.3	357.2	358.4	331.9	299.3
-80°	209.0	222.1	232.9	243.3	253.2	255.6	255.6	254.2	251.5	230.1	205.9
-82.5°	132.8	139.0	144.5	149.9	155.2	158.9	161.8	163.8	165.1	149.5	131.9
-85°	65.3	66.8	67.6	68.0	68.0	70.1	72.2	74.0	75.6	68.6	60.8
-87.5°	14.8	14.4	14.0	13.4	12.8	12.5	12.3	11.9	11.6	10.7	9.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.9	8.0	7.0	6.0	7.0	8.0	8.9	9.9	10.7	11.6	11.9
85°	52.6	44.0	43.1	42.2	43.1	44.0	52.6	60.8	68.6	75.6	74.0
82.5°	113.4	94.2	91.2	88.3	91.2	94.2	113.4	131.9	149.5	165.1	163.8
80°	180.6	154.5	149.4	144.5	149.4	154.5	180.6	205.9	230.1	251.5	254.2
77.5°	265.0	229.2	218.8	208.8	218.8	229.2	265.0	299.3	331.9	358.4	357.2
75°	361.4	323.7	311.0	299.1	311.0	323.7	361.4	397.7	432.7	459.3	456.0
72.5°	499.0	476.1	452.9	427.6	452.9	476.1	499.0	521.1	543.0	558.1	553.3
70°	673.0	671.3	665.5	656.5	665.5	671.3	673.0	673.7	674.4	672.7	664.0
67.5°	827.4	826.8	828.8	829.1	828.8	826.8	827.4	825.4	820.7	812.4	799.6
65°	1003.9	1005.8	1010.0	1011.8	1010.0	1005.8	1003.9	998.4	989.4	979.0	965.2
62.5°	1240.0	1250.3	1255.4	1254.8	1255.4	1250.3	1240.0	1224.8	1205.0	1181.9	1157.3
60°	1464.6	1475.2	1481.9	1483.6	1481.9	1475.2	1464.6	1448.4	1426.7	1397.5	1362.6
57.5°	1720.7	1738.1	1747.3	1748.6	1747.3	1738.1	1720.7	1696.5	1666.0	1628.8	1584.4
55°	2035.6	2058.7	2069.1	2067.9	2069.1	2058.7	2035.6	2002.5	1959.3	1904.9	1843.1
52.5°	2405.3	2433.5	2454.6	2467.4	2454.6	2433.5	2405.3	2364.3	2310.0	2240.3	2155.9
50°	2886.7	2927.1	2952.8	2963.3	2952.8	2927.1	2886.7	2827.8	2749.4	2652.4	2540.3
47.5°	3488.9	3542.4	3582.1	3609.7	3582.1	3542.4	3488.9	3410.1	3300.9	3164.8	3008.1
45°	4273.5	4355.1	4410.5	4442.9	4410.5	4355.1	4273.5	4157.1	3999.4	3803.6	3581.3
42.5°	5323.2	5449.8	5527.4	5557.1	5527.4	5449.8	5323.2	5145.8	4918.7	4637.6	4342.7
40°	6541.3	6693.4	6793.1	6862.1	6793.1	6693.4	6541.3	6324.4	6049.7	5714.5	5349.1
37.5°	7810.1	7969.8	8066.9	8132.9	8066.9	7969.8	7810.1	7573.9	7266.2	6899.4	6467.3
35°	9104.4	9271.6	9362.8	9413.8	9362.8	9271.6	9104.4	8839.1	8487.2	8073.4	7603.4
32.5°	10433.3	10617.5	10716.6	10819.1	10716.6	10617.5	10433.3	10124.8	9720.1	9255.4	8740.1
30°	11821.2	12032.6	12136.3	12186.3	12136.3	12032.6	11821.2	11452.8	10986.5	10469.2	9886.9
27.5°	13265.3	13528.9	13658.7	13744.2	13658.7	13528.9	13265.3	12835.2	12302.2	11717.6	11049.4
25°	14768.0	15094.6	15243.3	15376.4	15243.3	15094.6	14768.0	14265.5	13670.5	12999.5	12234.2
22.5°	16327.1	16733.8	16906.1	17000.6	16906.1	16733.8	16327.1	15737.1	15067.3	14303.2	13447.4
20°	17926.9	18412.9	18652.2	18775.3	18652.2	18412.9	17926.9	17256.6	16481.4	15599.2	14645.8
17.5°	19562.9	20167.3	20476.9	20548.1	20476.9	20167.3	19562.9	18807.5	17908.1	16904.4	15814.4
15°	21168.9	21822.7	22188.7	22322.8	22188.7	21822.7	21168.9	20317.1	19313.1	18173.1	16946.1
12.5°	22689.8	23367.5	23804.8	23882.7	23804.8	23367.5	22689.8	21767.2	20683.1	19366.9	18008.6
10°	24069.2	24771.2	25254.2	25364.3	25254.2	24771.2	24069.2	23050.6	21810.9	20414.6	18918.1
7.5°	25222.3	25992.6	26526.3	26619.1	26526.3	25992.6	25222.3	24136.3	22764.6	21260.1	19663.1
5°	26066.0	26980.6	27418.6	27528.6	27418.6	26980.6	26066.0	24880.4	23458.8	21876.9	20207.4
2.5°	26528.8	27459.8	28068.7	27998.4	28068.7	27459.8	26528.8	25345.4	23884.5	22243.7	20530.2
0°	26581.0	27554.7	28136.9	28405.9	28136.9	27554.7	26581.0	25444.7	23989.1	22371.0	20590.2
-2.5°	26528.8	27459.8	28068.7	27998.4	28068.7	27459.8	26528.8	25345.4	23884.5	22243.7	20530.2
-5°	26066.0	26980.6	27418.6	27528.6	27418.6	26980.6	26066.0	24880.4	23458.8	21876.9	20207.4
-7.5°	25222.3	25992.6	26526.3	26619.1	26526.3	25992.6	25222.3	24136.3	22764.6	21260.1	19663.1
-10°	24069.2	24771.2	25254.2	25364.3	25254.2	24771.2	24069.2	23050.6	21810.9	20414.6	18918.1
-12.5°	22689.8	23367.5	23804.8	23882.7	23804.8	23367.5	22689.8	21767.2	20683.1	19366.9	18008.6
-15°	21168.9	21822.7	22188.7	22322.8	22188.7	21822.7	21168.9	20317.1	19313.1	18173.1	16946.1
-17.5°	19562.9	20167.3	20476.9	20548.1	20476.9	20167.3	19562.9	18807.5	17908.1	16904.4	15814.4
-20°	17926.9	18412.9	18652.2	18775.3	18652.2	18412.9	17926.9	17256.6	16481.4	15599.2	14645.8



REPORT NUMBER: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16327.1	16733.8	16906.1	17000.6	16906.1	16733.8	16327.1	15737.1	15067.3	14303.2	13447.4
-25°	14768.0	15094.6	15243.3	15376.4	15243.3	15094.6	14768.0	14265.5	13670.5	12999.5	12234.2
-27.5°	13265.3	13528.9	13658.7	13744.2	13658.7	13528.9	13265.3	12835.2	12302.2	11717.6	11049.4
-30°	11821.2	12032.6	12136.3	12186.3	12136.3	12032.6	11821.2	11452.8	10986.5	10469.2	9886.9
-32.5°	10433.3	10617.5	10716.6	10819.1	10716.6	10617.5	10433.3	10124.8	9720.1	9255.4	8740.1
-35°	9104.4	9271.6	9362.8	9413.8	9362.8	9271.6	9104.4	8839.1	8487.2	8073.4	7603.4
-37.5°	7810.1	7969.8	8066.9	8132.9	8066.9	7969.8	7810.1	7573.9	7266.2	6899.4	6467.3
-40°	6541.3	6693.4	6793.1	6862.1	6793.1	6693.4	6541.3	6324.4	6049.7	5714.5	5349.1
-42.5°	5323.2	5449.8	5527.4	5557.1	5527.4	5449.8	5323.2	5145.8	4918.7	4637.6	4342.7
-45°	4273.5	4355.1	4410.5	4442.9	4410.5	4355.1	4273.5	4157.1	3999.4	3803.6	3581.3
-47.5°	3488.9	3542.4	3582.1	3609.7	3582.1	3542.4	3488.9	3410.1	3300.9	3164.8	3008.1
-50°	2886.7	2927.1	2952.8	2963.3	2952.8	2927.1	2886.7	2827.8	2749.4	2652.4	2540.3
-52.5°	2405.3	2433.5	2454.6	2467.4	2454.6	2433.5	2405.3	2364.3	2310.0	2240.3	2155.9
-55°	2035.6	2058.7	2069.1	2067.9	2069.1	2058.7	2035.6	2002.5	1959.3	1904.9	1843.1
-57.5°	1720.7	1738.1	1747.3	1748.6	1747.3	1738.1	1720.7	1696.5	1666.0	1628.8	1584.4
-60°	1464.6	1475.2	1481.9	1483.6	1481.9	1475.2	1464.6	1448.4	1426.7	1397.5	1362.6
-62.5°	1240.0	1250.3	1255.4	1254.8	1255.4	1250.3	1240.0	1224.8	1205.0	1181.9	1157.3
-65°	1003.9	1005.8	1010.0	1011.8	1010.0	1005.8	1003.9	998.4	989.4	979.0	965.2
-67.5°	827.4	826.8	828.8	829.1	828.8	826.8	827.4	825.4	820.7	812.4	799.6
-70°	673.0	671.3	665.5	656.5	665.5	671.3	673.0	673.7	674.4	672.7	664.0
-72.5°	499.0	476.1	452.9	427.6	452.9	476.1	499.0	521.1	543.0	558.1	553.3
-75°	361.4	323.7	311.0	299.1	311.0	323.7	361.4	397.7	432.7	459.3	456.0
-77.5°	265.0	229.2	218.8	208.8	218.8	229.2	265.0	299.3	331.9	358.4	357.2
-80°	180.6	154.5	149.4	144.5	149.4	154.5	180.6	205.9	230.1	251.5	254.2
-82.5°	113.4	94.2	91.2	88.3	91.2	94.2	113.4	131.9	149.5	165.1	163.8
-85°	52.6	44.0	43.1	42.2	43.1	44.0	52.6	60.8	68.6	75.6	74.0
-87.5°	8.9	8.0	7.0	6.0	7.0	8.0	8.9	9.9	10.7	11.6	11.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.3	12.5	12.8	13.4	14.0	14.4	14.8	14.4	13.9	13.3	12.8
85°	72.2	70.1	68.0	68.0	67.6	66.8	65.3	58.6	52.1	46.1	40.8
82.5°	161.8	158.9	155.2	149.9	144.5	139.0	132.8	118.7	105.1	92.1	81.4
80°	255.6	255.6	253.2	243.3	232.9	222.1	209.0	186.7	165.0	145.0	130.8
77.5°	355.3	353.0	348.1	334.8	321.4	307.8	290.7	261.8	232.9	205.1	187.2
75°	451.9	446.8	438.1	421.8	404.2	385.1	364.7	339.7	311.0	278.6	254.9
72.5°	547.2	539.7	528.3	511.0	491.4	470.8	449.1	424.7	396.6	364.7	340.8
70°	653.6	641.5	626.1	606.6	586.2	564.4	542.0	517.0	487.8	455.9	430.7
67.5°	783.7	764.6	742.8	719.7	697.5	671.6	645.2	616.6	587.1	553.6	521.9
65°	945.6	920.0	891.0	866.0	836.0	800.6	760.9	726.2	692.0	654.3	612.6
62.5°	1132.2	1107.1	1067.1	1025.8	985.9	945.5	897.3	848.8	802.0	754.8	706.1
60°	1322.8	1277.9	1234.4	1187.1	1136.1	1081.4	1028.6	973.1	915.3	858.5	800.3
57.5°	1533.2	1477.6	1420.8	1359.8	1295.0	1232.7	1168.5	1099.6	1033.9	965.1	895.6
55°	1774.5	1707.6	1634.9	1555.2	1473.0	1398.9	1320.3	1241.4	1161.5	1075.0	998.2
52.5°	2060.9	1977.4	1884.1	1780.8	1684.3	1586.3	1484.1	1394.5	1296.9	1200.7	1105.1
50°	2425.6	2307.3	2179.0	2048.6	1929.0	1799.6	1679.5	1561.7	1443.6	1332.2	1220.9
47.5°	2862.6	2706.0	2530.6	2368.8	2210.1	2049.9	1902.1	1746.3	1610.8	1470.6	1346.9
45°	3394.0	3185.3	2959.9	2754.5	2531.5	2337.9	2149.4	1970.3	1792.3	1633.9	1476.0
42.5°	4073.1	3769.1	3482.9	3210.4	2929.5	2675.0	2423.9	2211.6	2002.7	1806.7	1628.6
40°	4946.6	4503.9	4136.3	3745.1	3405.1	3064.2	2764.1	2469.8	2232.5	2000.3	1783.1
37.5°	5978.0	5459.6	4934.9	4399.6	3956.7	3528.5	3142.2	2795.6	2472.8	2208.8	1958.2
35°	7068.5	6483.1	5854.6	5227.4	4580.9	4062.2	3571.3	3144.4	2767.7	2427.2	2138.4
32.5°	8156.7	7513.9	6822.0	6106.5	5380.2	4654.1	4065.0	3536.1	3064.9	2677.1	2335.3
30°	9244.4	8538.9	7781.0	6999.6	6202.7	5387.8	4584.0	3966.2	3413.0	2926.6	2533.4
27.5°	10335.6	9571.1	8741.6	7881.9	7023.0	6134.3	5243.5	4410.0	3763.7	3214.0	2750.8
25°	11428.0	10573.1	9682.5	8746.8	7810.2	6865.6	5881.4	4952.1	4157.1	3501.7	2951.3
22.5°	12523.7	11563.8	10571.0	9565.8	8558.7	7549.3	6519.3	5483.3	4529.8	3794.2	3185.8
20°	13606.3	12528.2	11441.5	10351.9	9266.3	8186.8	7110.0	6004.1	4967.9	4097.1	3404.8
17.5°	14649.1	13451.5	12271.7	11090.5	9929.3	8784.8	7639.6	6484.6	5359.1	4366.7	3598.0
15°	15642.3	14335.5	13054.2	11785.8	10532.7	9303.6	8108.6	6906.6	5714.9	4647.9	3810.0
12.5°	16579.4	15153.3	13757.3	12380.7	11049.3	9761.0	8518.7	7277.0	6050.0	4921.8	3998.9
10°	17379.7	15849.7	14347.3	12895.5	11496.6	10150.1	8857.0	7590.4	6337.3	5149.8	4153.4
7.5°	18030.6	16409.8	14825.4	13302.3	11847.3	10459.8	9118.3	7830.9	6564.8	5327.9	4272.7
5°	18506.1	16821.6	15179.7	13603.7	12090.2	10685.3	9302.7	7995.4	6729.6	5454.6	4356.1
2.5°	18801.0	17070.8	15390.4	13786.9	12231.6	10820.7	9409.7	8094.8	6823.7	5524.3	4408.4
0°	18855.6	17187.3	15456.7	13806.4	12312.8	10861.3	9437.9	8130.9	6848.0	5539.0	4424.8
-2.5°	18801.0	17070.8	15390.4	13786.9	12231.6	10820.7	9409.7	8094.8	6823.7	5524.3	4408.4
-5°	18506.1	16821.6	15179.7	13603.7	12090.2	10685.3	9302.7	7995.4	6729.6	5454.6	4356.1
-7.5°	18030.6	16409.8	14825.4	13302.3	11847.3	10459.8	9118.3	7830.9	6564.8	5327.9	4272.7
-10°	17379.7	15849.7	14347.3	12895.5	11496.6	10150.1	8857.0	7590.4	6337.3	5149.8	4153.4
-12.5°	16579.4	15153.3	13757.3	12380.7	11049.3	9761.0	8518.7	7277.0	6050.0	4921.8	3998.9
-15°	15642.3	14335.5	13054.2	11785.8	10532.7	9303.6	8108.6	6906.6	5714.9	4647.9	3810.0
-17.5°	14649.1	13451.5	12271.7	11090.5	9929.3	8784.8	7639.6	6484.6	5359.1	4366.7	3598.0
-20°	13606.3	12528.2	11441.5	10351.9	9266.3	8186.8	7110.0	6004.1	4967.9	4097.1	3404.8



REPORT NUMBER: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12523.7	11563.8	10571.0	9565.8	8558.7	7549.3	6519.3	5483.3	4529.8	3794.2	3185.8
-25°	11428.0	10573.1	9682.5	8746.8	7810.2	6865.6	5881.4	4952.1	4157.1	3501.7	2951.3
-27.5°	10335.6	9571.1	8741.6	7881.9	7023.0	6134.3	5243.5	4410.0	3763.7	3214.0	2750.8
-30°	9244.4	8538.9	7781.0	6999.6	6202.7	5387.8	4584.0	3966.2	3413.0	2926.6	2533.4
-32.5°	8156.7	7513.9	6822.0	6106.5	5380.2	4654.1	4065.0	3536.1	3064.9	2677.1	2335.3
-35°	7068.5	6483.1	5854.6	5227.4	4580.9	4062.2	3571.3	3144.4	2767.7	2427.2	2138.4
-37.5°	5978.0	5459.6	4934.9	4399.6	3956.7	3528.5	3142.2	2795.6	2472.8	2208.8	1958.2
-40°	4946.6	4503.9	4136.3	3745.1	3405.1	3064.2	2764.1	2469.8	2232.5	2000.3	1783.1
-42.5°	4073.1	3769.1	3482.9	3210.4	2929.5	2675.0	2423.9	2211.6	2002.7	1806.7	1628.6
-45°	3394.0	3185.3	2959.9	2754.5	2531.5	2337.9	2149.4	1970.3	1792.3	1633.9	1476.0
-47.5°	2862.6	2706.0	2530.6	2368.8	2210.1	2049.9	1902.1	1746.3	1610.8	1470.6	1346.9
-50°	2425.6	2307.3	2179.0	2048.6	1929.0	1799.6	1679.5	1561.7	1443.6	1332.2	1220.9
-52.5°	2060.9	1977.4	1884.1	1780.8	1684.3	1586.3	1484.1	1394.5	1296.9	1200.7	1105.1
-55°	1774.5	1707.6	1634.9	1555.2	1473.0	1398.9	1320.3	1241.4	1161.5	1075.0	998.2
-57.5°	1533.2	1477.6	1420.8	1359.8	1295.0	1232.7	1168.5	1099.6	1033.9	965.1	895.6
-60°	1322.8	1277.9	1234.4	1187.1	1136.1	1081.4	1028.6	973.1	915.3	858.5	800.3
-62.5°	1132.2	1107.1	1067.1	1025.8	985.9	945.5	897.3	848.8	802.0	754.8	706.1
-65°	945.6	920.0	891.0	866.0	836.0	800.6	760.9	726.2	692.0	654.3	612.6
-67.5°	783.7	764.6	742.8	719.7	697.5	671.6	645.2	616.6	587.1	553.6	521.9
-70°	653.6	641.5	626.1	606.6	586.2	564.4	542.0	517.0	487.8	455.9	430.7
-72.5°	547.2	539.7	528.3	511.0	491.4	470.8	449.1	424.7	396.6	364.7	340.8
-75°	451.9	446.8	438.1	421.8	404.2	385.1	364.7	339.7	311.0	278.6	254.9
-77.5°	355.3	353.0	348.1	334.8	321.4	307.8	290.7	261.8	232.9	205.1	187.2
-80°	255.6	255.6	253.2	243.3	232.9	222.1	209.0	186.7	165.0	145.0	130.8
-82.5°	161.8	158.9	155.2	149.9	144.5	139.0	132.8	118.7	105.1	92.1	81.4
-85°	72.2	70.1	68.0	68.0	67.6	66.8	65.3	58.6	52.1	46.1	40.8
-87.5°	12.3	12.5	12.8	13.4	14.0	14.4	14.8	14.4	13.9	13.3	12.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.3	15.5	16.5	17.3	17.8	18.1	18.1	17.8	17.1	16.1	14.9
85°	42.6	43.4	43.3	42.0	39.2	36.2	36.2	35.7	34.2	32.3	29.9
82.5°	84.5	87.2	88.6	88.0	82.6	76.8	70.7	64.2	57.3	49.4	44.8
80°	135.8	138.8	139.8	137.5	127.8	117.4	108.3	99.1	89.9	79.6	68.0
77.5°	191.1	193.4	194.0	190.4	178.1	164.7	150.4	135.3	122.5	109.7	95.3
75°	250.6	251.4	250.9	244.4	229.3	212.0	194.6	175.9	157.2	139.8	122.6
72.5°	327.9	317.4	309.4	299.1	282.4	263.0	240.8	215.9	192.2	170.0	149.3
70°	408.7	386.5	369.1	353.2	334.7	314.3	289.7	258.4	226.6	199.7	174.5
67.5°	493.1	465.4	437.7	408.6	385.9	362.8	337.9	300.4	262.3	228.8	199.2
65°	575.2	541.1	509.7	471.9	438.9	410.7	382.6	340.1	296.6	257.5	223.3
62.5°	658.0	612.2	572.8	532.0	492.1	457.1	425.4	377.0	329.5	285.1	246.2
60°	743.0	689.4	635.7	588.6	543.5	501.2	461.6	412.8	361.3	311.3	267.9
57.5°	831.1	766.7	705.4	646.6	594.1	545.3	496.4	445.8	392.0	337.9	287.5
55°	920.0	847.3	775.2	707.9	645.7	590.1	532.6	477.3	421.5	363.9	303.0
52.5°	1015.4	930.1	848.9	770.2	699.1	633.8	571.2	508.2	449.6	388.8	320.0
50°	1116.5	1018.0	925.1	837.1	752.1	679.4	608.8	542.1	477.0	412.9	335.9
47.5°	1222.7	1111.2	1005.5	904.7	812.3	723.5	648.1	575.3	503.6	436.7	350.4
45°	1339.7	1207.0	1088.0	977.3	869.9	773.6	687.0	607.5	532.5	453.8	363.4
42.5°	1457.2	1310.4	1173.6	1047.7	932.9	824.2	724.2	640.8	560.2	469.4	376.1
40°	1592.7	1416.1	1259.7	1123.3	995.0	872.5	767.1	672.9	586.1	484.8	388.6
37.5°	1724.8	1529.8	1353.7	1195.3	1056.2	927.0	808.6	703.5	606.5	501.8	399.8
35°	1880.5	1647.3	1443.2	1271.7	1119.2	978.9	847.6	734.7	628.9	518.0	409.8
32.5°	2031.7	1766.9	1543.9	1349.8	1178.7	1028.0	888.9	766.7	651.6	533.4	418.5
30°	2197.9	1896.9	1638.9	1422.9	1237.8	1078.6	930.6	796.8	674.6	548.0	427.0
27.5°	2357.5	2016.8	1731.3	1500.4	1300.3	1125.8	969.1	825.1	697.7	563.2	437.6
25°	2515.8	2146.3	1833.1	1574.2	1357.7	1168.8	1004.5	851.4	720.3	580.2	447.1
22.5°	2687.4	2271.7	1924.9	1640.6	1409.5	1208.1	1038.3	880.3	741.0	596.5	455.4
20°	2845.3	2384.8	2006.9	1704.1	1461.1	1250.5	1069.9	906.0	759.7	611.7	462.5
17.5°	2994.2	2499.9	2098.4	1772.8	1509.8	1287.8	1097.7	928.7	776.1	625.8	468.1
15°	3150.4	2614.1	2180.7	1832.2	1552.0	1320.1	1121.7	948.2	790.3	638.5	473.5
12.5°	3283.9	2710.7	2249.8	1882.3	1587.4	1347.1	1141.6	964.4	802.2	649.2	478.4
10°	3393.8	2789.2	2305.6	1922.7	1615.9	1368.7	1157.5	977.6	812.0	657.6	481.1
7.5°	3479.4	2849.1	2347.8	1953.3	1637.8	1385.6	1170.7	987.8	819.6	663.4	481.7
5°	3539.3	2890.9	2378.7	1974.7	1654.4	1397.7	1180.1	994.6	824.8	666.6	480.3
2.5°	3570.7	2914.6	2397.7	1986.1	1664.0	1404.3	1185.4	997.9	827.3	667.0	476.9
0°	3575.6	2919.1	2403.1	1987.5	1666.3	1405.3	1186.5	997.8	827.1	664.5	471.8
-2.5°	3570.7	2914.6	2397.7	1986.1	1664.0	1404.3	1185.4	997.9	827.3	667.0	476.9
-5°	3539.3	2890.9	2378.7	1974.7	1654.4	1397.7	1180.1	994.6	824.8	666.6	480.3
-7.5°	3479.4	2849.1	2347.8	1953.3	1637.8	1385.6	1170.7	987.8	819.6	663.4	481.7
-10°	3393.8	2789.2	2305.6	1922.7	1615.9	1368.7	1157.5	977.6	812.0	657.6	481.1
-12.5°	3283.9	2710.7	2249.8	1882.3	1587.4	1347.1	1141.6	964.4	802.2	649.2	478.4
-15°	3150.4	2614.1	2180.7	1832.2	1552.0	1320.1	1121.7	948.2	790.3	638.5	473.5
-17.5°	2994.2	2499.9	2098.4	1772.8	1509.8	1287.8	1097.7	928.7	776.1	625.8	468.1
-20°	2845.3	2384.8	2006.9	1704.1	1461.1	1250.5	1069.9	906.0	759.7	611.7	462.5

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



REPORT NUMBER: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2687.4	2271.7	1924.9	1640.6	1409.5	1208.1	1038.3	880.3	741.0	596.5	455.4
-25°	2515.8	2146.3	1833.1	1574.2	1357.7	1168.8	1004.5	851.4	720.3	580.2	447.1
-27.5°	2357.5	2016.8	1731.3	1500.4	1300.3	1125.8	969.1	825.1	697.7	563.2	437.6
-30°	2197.9	1896.9	1638.9	1422.9	1237.8	1078.6	930.6	796.8	674.6	548.0	427.0
-32.5°	2031.7	1766.9	1543.9	1349.8	1178.7	1028.0	888.9	766.7	651.6	533.4	418.5
-35°	1880.5	1647.3	1443.2	1271.7	1119.2	978.9	847.6	734.7	628.9	518.0	409.8
-37.5°	1724.8	1529.8	1353.7	1195.3	1056.2	927.0	808.6	703.5	606.5	501.8	399.8
-40°	1592.7	1416.1	1259.7	1123.3	995.0	872.5	767.1	672.9	586.1	484.8	388.6
-42.5°	1457.2	1310.4	1173.6	1047.7	932.9	824.2	724.2	640.8	560.2	469.4	376.1
-45°	1339.7	1207.0	1088.0	977.3	869.9	773.6	687.0	607.5	532.5	453.8	363.4
-47.5°	1222.7	1111.2	1005.5	904.7	812.3	723.5	648.1	575.3	503.6	436.7	350.4
-50°	1116.5	1018.0	925.1	837.1	752.1	679.4	608.8	542.1	477.0	412.9	335.9
-52.5°	1015.4	930.1	848.9	770.2	699.1	633.8	571.2	508.2	449.6	388.8	320.0
-55°	920.0	847.3	775.2	707.9	645.7	590.1	532.6	477.3	421.5	363.9	303.0
-57.5°	831.1	766.7	705.4	646.6	594.1	545.3	496.4	445.8	392.0	337.9	287.5
-60°	743.0	689.4	635.7	588.6	543.5	501.2	461.6	412.8	361.3	311.3	267.9
-62.5°	658.0	612.2	572.8	532.0	492.1	457.1	425.4	377.0	329.5	285.1	246.2
-65°	575.2	541.1	509.7	471.9	438.9	410.7	382.6	340.1	296.6	257.5	223.3
-67.5°	493.1	465.4	437.7	408.6	385.9	362.8	337.9	300.4	262.3	228.8	199.2
-70°	408.7	386.5	369.1	353.2	334.7	314.3	289.7	258.4	226.6	199.7	174.5
-72.5°	327.9	317.4	309.4	299.1	282.4	263.0	240.8	215.9	192.2	170.0	149.3
-75°	250.6	251.4	250.9	244.4	229.3	212.0	194.6	175.9	157.2	139.8	122.6
-77.5°	191.1	193.4	194.0	190.4	178.1	164.7	150.4	135.3	122.5	109.7	95.3
-80°	135.8	138.8	139.8	137.5	127.8	117.4	108.3	99.1	89.9	79.6	68.0
-82.5°	84.5	87.2	88.6	88.0	82.6	76.8	70.7	64.2	57.3	49.4	44.8
-85°	42.6	43.4	43.3	42.0	39.2	36.2	36.2	35.7	34.2	32.3	29.9
-87.5°	14.3	15.5	16.5	17.3	17.8	18.1	18.1	17.8	17.1	16.1	14.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.5	10.5	7.8	5.4	3.3	1.4	0.0
85°	26.9	21.0	15.6	10.8	6.6	2.9	0.0
82.5°	40.3	31.4	23.4	16.2	9.9	4.3	0.0
80°	54.7	41.7	31.1	21.5	13.2	5.7	0.0
77.5°	78.1	54.3	38.6	26.8	16.4	7.1	0.0
75°	100.9	71.0	46.8	32.0	19.5	8.5	0.0
72.5°	122.9	87.1	57.9	37.0	22.6	9.9	0.0
70°	143.8	102.7	68.7	42.3	25.6	11.2	0.0
67.5°	161.9	117.5	79.1	48.9	28.5	12.5	0.0
65°	179.1	131.1	88.9	55.2	31.4	13.8	0.0
62.5°	195.4	143.6	98.1	61.2	34.1	15.0	0.0
60°	210.6	155.3	106.8	66.8	36.7	16.2	0.0
57.5°	224.4	166.2	114.8	72.0	39.9	17.4	0.0
55°	237.1	176.3	122.3	76.9	43.0	18.5	0.0
52.5°	248.7	185.4	129.1	81.3	46.0	19.5	0.0
50°	259.3	193.9	135.4	85.3	48.8	20.5	0.0
47.5°	269.1	201.5	140.9	89.0	51.5	21.5	0.0
45°	280.1	208.3	145.8	92.6	54.0	22.4	0.0
42.5°	289.9	214.1	150.1	95.8	56.4	23.2	0.0
40°	298.5	219.1	153.9	99.3	58.7	24.0	0.0
37.5°	305.9	223.1	157.3	102.9	60.8	24.7	0.0
35°	312.0	227.7	160.1	106.2	62.8	25.4	0.0
32.5°	317.6	232.0	162.2	109.2	64.5	26.0	0.0
30°	323.8	235.3	163.7	111.9	66.2	26.5	0.0
27.5°	329.0	237.7	167.1	114.3	67.6	27.0	0.0
25°	332.9	239.2	170.5	116.4	68.9	27.4	0.0
22.5°	335.7	241.0	173.5	118.1	70.0	27.7	0.0
20°	337.4	245.4	176.0	119.6	71.0	28.0	0.0
17.5°	341.2	249.0	178.2	120.8	71.8	28.2	0.0
15°	345.7	251.9	179.9	121.6	72.4	28.4	0.0
12.5°	349.0	253.9	181.1	122.2	72.8	28.5	0.0
10°	351.0	255.2	182.0	122.4	73.0	28.5	0.0
7.5°	351.9	255.8	182.3	122.4	73.1	28.5	0.0
5°	351.5	255.6	182.2	122.0	73.0	28.4	0.0
2.5°	350.0	254.6	181.7	121.4	72.7	28.3	0.0
0°	347.3	253.0	180.7	120.5	72.3	28.1	0.0
-2.5°	350.0	254.6	181.7	121.4	72.7	28.3	0.0
-5°	351.5	255.6	182.2	122.0	73.0	28.4	0.0
-7.5°	351.9	255.8	182.3	122.4	73.1	28.5	0.0
-10°	351.0	255.2	182.0	122.4	73.0	28.5	0.0
-12.5°	349.0	253.9	181.1	122.2	72.8	28.5	0.0
-15°	345.7	251.9	179.9	121.6	72.4	28.4	0.0
-17.5°	341.2	249.0	178.2	120.8	71.8	28.2	0.0
-20°	337.4	245.4	176.0	119.6	71.0	28.0	0.0

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REPORT NUMBER: P627823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	335.7	241.0	173.5	118.1	70.0	27.7	0.0
-25°	332.9	239.2	170.5	116.4	68.9	27.4	0.0
-27.5°	329.0	237.7	167.1	114.3	67.6	27.0	0.0
-30°	323.8	235.3	163.7	111.9	66.2	26.5	0.0
-32.5°	317.6	232.0	162.2	109.2	64.5	26.0	0.0
-35°	312.0	227.7	160.1	106.2	62.8	25.4	0.0
-37.5°	305.9	223.1	157.3	102.9	60.8	24.7	0.0
-40°	298.5	219.1	153.9	99.3	58.7	24.0	0.0
-42.5°	289.9	214.1	150.1	95.8	56.4	23.2	0.0
-45°	280.1	208.3	145.8	92.6	54.0	22.4	0.0
-47.5°	269.1	201.5	140.9	89.0	51.5	21.5	0.0
-50°	259.3	193.9	135.4	85.3	48.8	20.5	0.0
-52.5°	248.7	185.4	129.1	81.3	46.0	19.5	0.0
-55°	237.1	176.3	122.3	76.9	43.0	18.5	0.0
-57.5°	224.4	166.2	114.8	72.0	39.9	17.4	0.0
-60°	210.6	155.3	106.8	66.8	36.7	16.2	0.0
-62.5°	195.4	143.6	98.1	61.2	34.1	15.0	0.0
-65°	179.1	131.1	88.9	55.2	31.4	13.8	0.0
-67.5°	161.9	117.5	79.1	48.9	28.5	12.5	0.0
-70°	143.8	102.7	68.7	42.3	25.6	11.2	0.0
-72.5°	122.9	87.1	57.9	37.0	22.6	9.9	0.0
-75°	100.9	71.0	46.8	32.0	19.5	8.5	0.0
-77.5°	78.1	54.3	38.6	26.8	16.4	7.1	0.0
-80°	54.7	41.7	31.1	21.5	13.2	5.7	0.0
-82.5°	40.3	31.4	23.4	16.2	9.9	4.3	0.0
-85°	26.9	21.0	15.6	10.8	6.6	2.9	0.0
-87.5°	13.5	10.5	7.8	5.4	3.3	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)