

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: P627793 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627793 (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-722-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N132
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

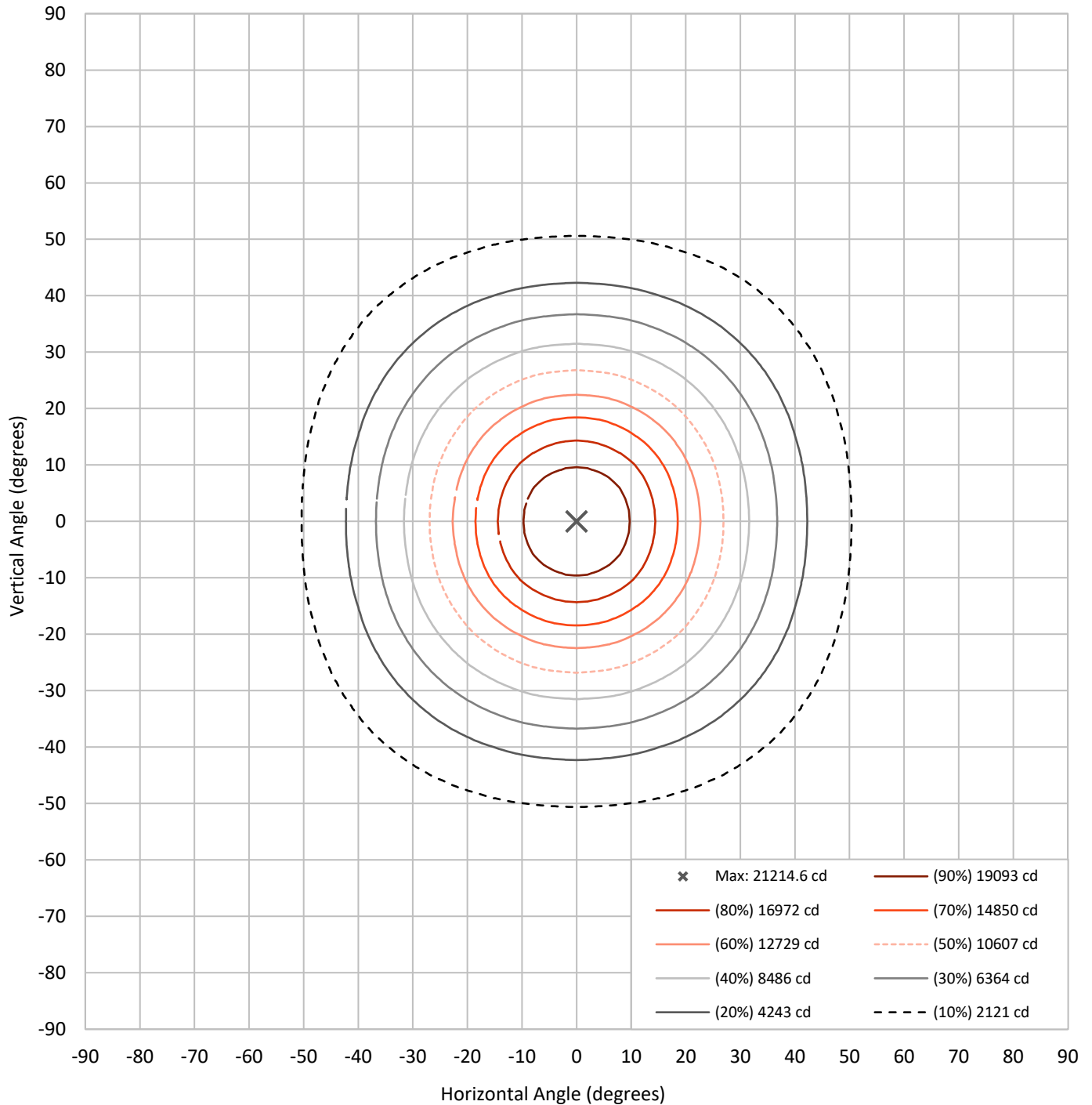
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21591.5 lumens	Max Intensity:	21214.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.3 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:	10323.8 lumens	Field Lumens:	19055.3 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





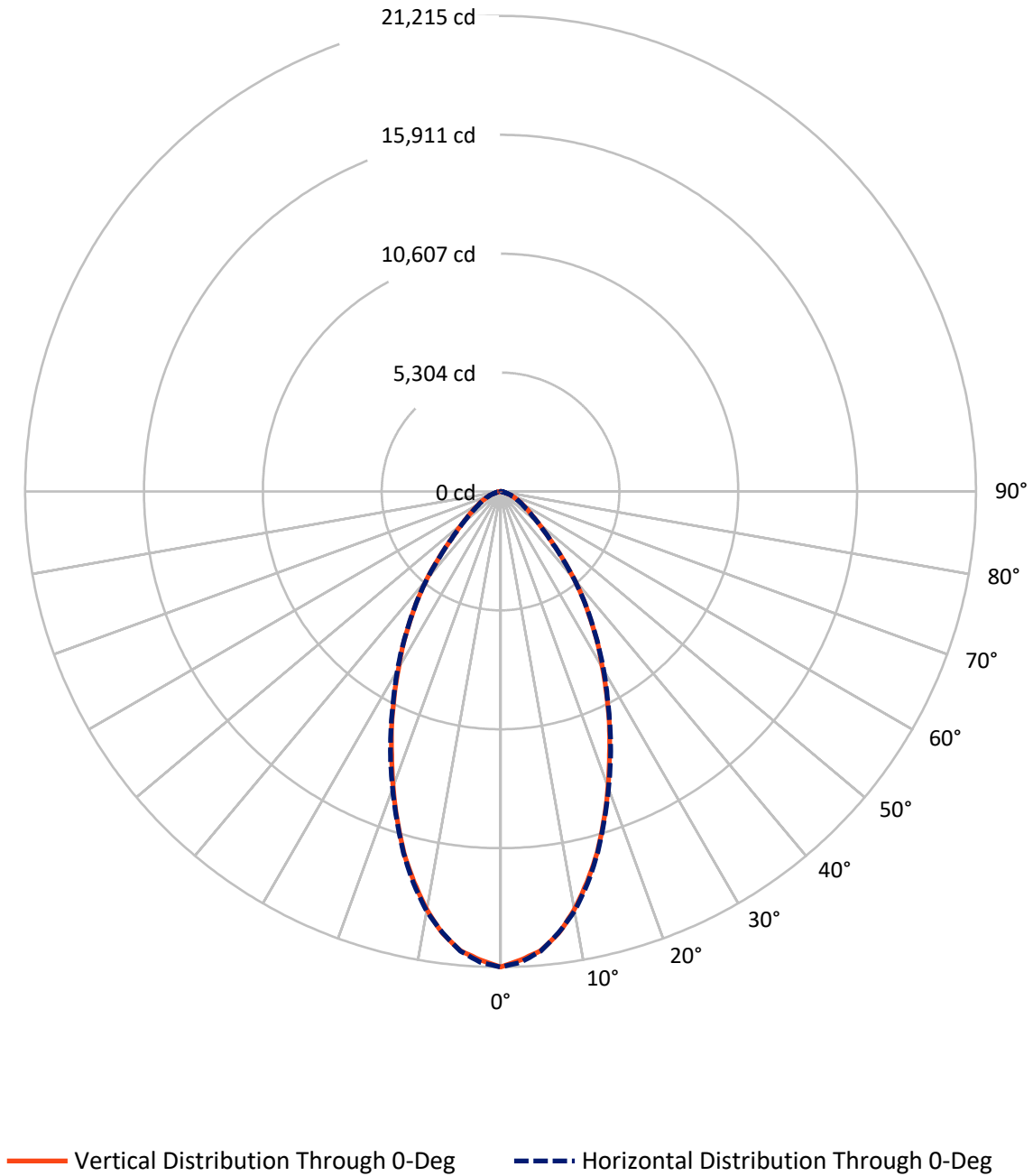
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Lumen Table

90															90				
80	0.8	6.0		13.6		22.6		19.4		22.6		13.6		6.0		0.8			
70															70				
60	2.8	3.3	6.2	9.9	14.4	18.7	21.9	23.5	23.5	21.9	18.7	14.4	9.9	6.2	3.3	2.8			
50		4.6	9.4	16.2	24.9	34.2	42.7	47.6	47.6	42.7	34.2	24.9	16.2	9.4	4.6				
40	4.1	5.9	12.9	24.2	40.8	62.7	86.4	102.2	102.2	86.4	62.7	40.8	24.2	12.9	5.9	4.1			
30		7.2	17.0	35.2	68.4	121.5	176.5	209.4	209.4	176.5	121.5	68.4	35.2	17.0	7.2				
20	4.9	8.4	21.1	49.2	110.6	198.9	284.6	340.1	340.1	284.6	198.9	110.6	49.2	21.1	8.4	4.9			
10		9.4	24.8	63.8	151.0	268.5	396.5	487.7	487.7	396.5	268.5	151.0	63.8	24.8	9.4				
0	5.1	9.9	26.8	73.3	173.8	312.2	475.1	597.4	597.4	475.1	312.2	173.8	73.3	26.8	9.9	5.1			
-10		9.9	26.8	73.3	173.8	312.2	475.1	597.4	597.4	475.1	312.2	173.8	73.3	26.8	9.9				
-20	4.9	9.4	24.8	63.8	151.0	268.5	396.5	487.7	487.7	396.5	268.5	151.0	63.8	24.8	9.4	4.9			
-30		8.4	21.1	49.2	110.6	198.9	284.6	340.1	340.1	284.6	198.9	110.6	49.2	21.1	8.4				
-40	4.1	7.2	17.0	35.2	68.4	121.5	176.5	209.4	209.4	176.5	121.5	68.4	35.2	17.0	7.2	4.1			
-50		5.9	12.9	24.2	40.8	62.7	86.4	102.2	102.2	86.4	62.7	40.8	24.2	12.9	5.9				
-60	2.8	4.6	9.4	16.2	24.9	34.2	42.7	47.6	47.6	42.7	34.2	24.9	16.2	9.4	4.6	2.8			
-70		3.3	6.2	9.9	14.4	18.7	21.9	23.5	23.5	21.9	18.7	14.4	9.9	6.2	3.3				
-80															-80				
-90	0.8	6.0		13.6		22.6		19.4		22.6		13.6		6.0		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

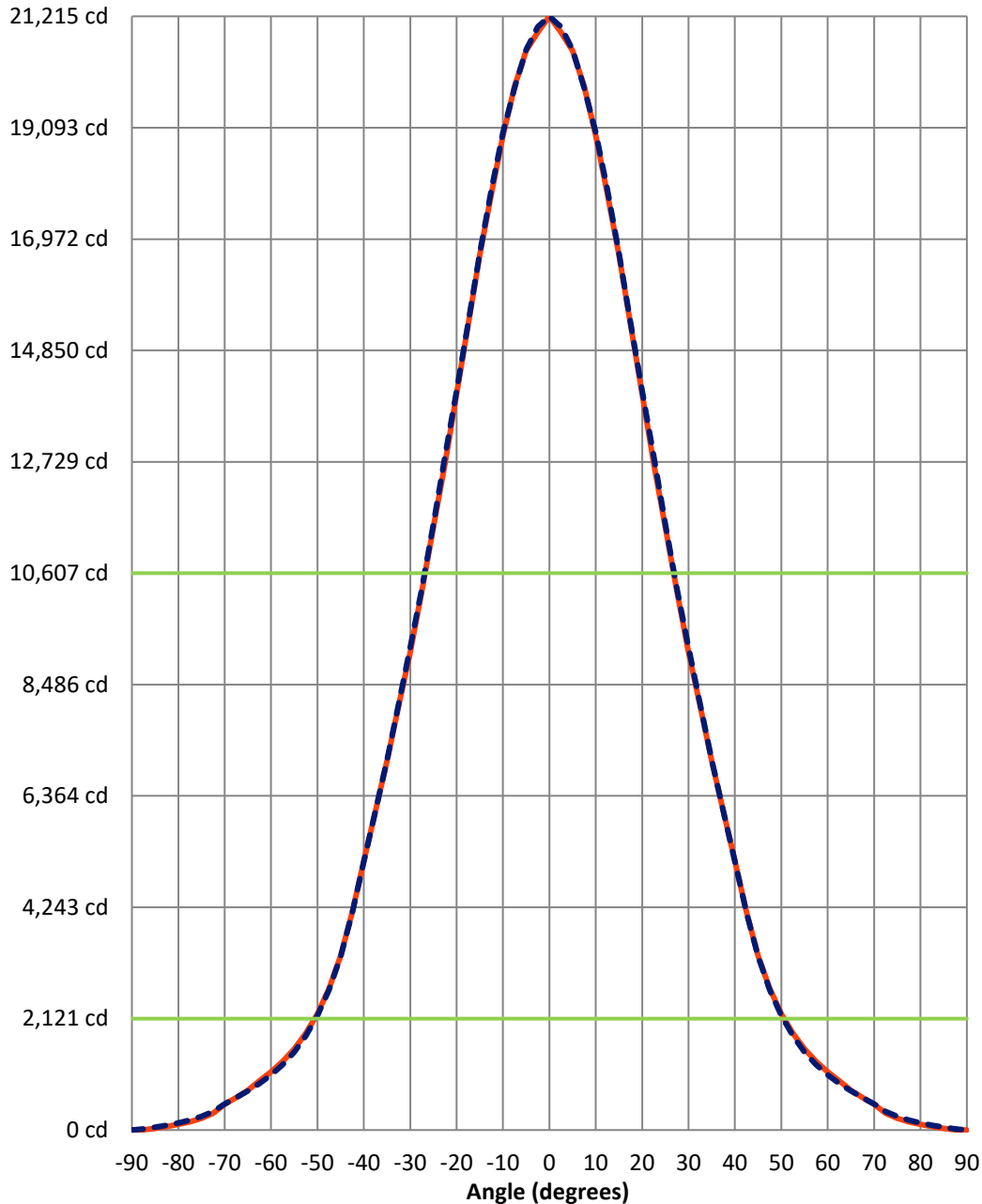
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 10323.8
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 19055.3
 Efficiency: 88.3%

Spill:
 Lumens: 2536.3
 Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.1	2.5	4.1	5.9	7.9	10.1	11.2	12.1	12.8	13.3
85°	0.0	2.2	5.0	8.1	11.7	15.7	20.1	22.3	24.1	25.6	26.7
82.5°	0.0	3.2	7.4	12.1	17.5	23.5	30.1	33.5	36.9	42.8	48.0
80°	0.0	4.3	9.8	16.1	23.2	31.2	40.9	50.8	59.4	67.2	74.0
77.5°	0.0	5.3	12.2	20.0	28.9	40.5	58.4	71.2	81.9	91.5	101.1
75°	0.0	6.4	14.6	23.9	35.0	53.0	75.4	91.6	104.4	117.4	131.4
72.5°	0.0	7.4	16.9	27.7	43.3	65.1	91.8	111.5	127.0	143.6	161.3
70°	0.0	8.4	19.2	31.6	51.4	76.7	107.4	130.3	149.1	169.3	193.0
67.5°	0.0	9.4	21.4	36.6	59.1	87.8	120.9	148.7	170.8	195.9	224.3
65°	0.0	10.3	23.5	41.3	66.4	98.0	133.8	166.7	192.3	221.5	254.0
62.5°	0.0	11.2	25.5	45.7	73.3	107.3	145.9	183.8	212.9	246.1	281.6
60°	0.0	12.1	27.5	49.9	79.8	116.0	157.3	200.1	232.5	269.8	308.3
57.5°	0.0	13.0	29.9	53.8	85.8	124.1	167.6	214.7	252.4	292.8	333.0
55°	0.0	13.8	32.2	57.4	91.3	131.6	177.0	226.3	271.8	314.8	356.5
52.5°	0.0	14.6	34.4	60.8	96.5	138.5	185.7	239.0	290.4	335.8	379.5
50°	0.0	15.3	36.5	63.7	101.1	144.8	193.6	250.9	308.4	356.2	404.8
47.5°	0.0	16.1	38.5	66.5	105.3	150.5	200.9	261.7	326.2	376.1	429.7
45°	0.0	16.7	40.4	69.2	109.0	155.5	209.2	271.4	338.9	397.6	453.7
42.5°	0.0	17.3	42.2	71.6	112.1	159.9	216.5	281.0	350.5	418.4	478.6
40°	0.0	17.9	43.9	74.2	115.0	163.6	222.9	290.2	362.1	437.7	502.6
37.5°	0.0	18.5	45.4	76.9	117.5	166.6	228.4	298.6	374.7	452.9	525.4
35°	0.0	19.0	46.9	79.3	119.6	170.0	233.0	306.0	386.8	469.7	548.8
32.5°	0.0	19.4	48.2	81.6	121.1	173.3	237.2	312.6	398.4	486.7	572.6
30°	0.0	19.8	49.4	83.6	122.2	175.8	241.9	318.9	409.2	503.9	595.1
27.5°	0.0	20.2	50.5	85.4	124.8	177.5	245.7	326.8	420.6	521.1	616.1
25°	0.0	20.5	51.5	86.9	127.4	178.6	248.7	333.9	433.3	538.0	635.8
22.5°	0.0	20.7	52.3	88.3	129.6	180.0	250.8	340.1	445.5	553.4	657.4
20°	0.0	20.9	53.0	89.4	131.5	183.3	252.0	345.4	456.9	567.4	676.6
17.5°	0.0	21.1	53.6	90.2	133.1	186.0	254.8	349.6	467.4	579.6	693.6
15°	0.0	21.2	54.1	90.9	134.3	188.1	258.2	353.7	476.8	590.2	708.1
12.5°	0.0	21.3	54.4	91.3	135.3	189.6	260.7	357.3	484.9	599.0	720.3
10°	0.0	21.3	54.6	91.5	135.9	190.6	262.2	359.3	491.1	606.4	730.1
7.5°	0.0	21.3	54.6	91.4	136.1	191.0	262.8	359.7	495.5	612.1	737.7
5°	0.0	21.2	54.5	91.2	136.1	190.8	262.5	358.7	497.9	616.0	742.8
2.5°	0.0	21.1	54.3	90.7	135.7	190.1	261.4	356.2	498.2	617.9	745.3
0°	0.0	21.0	54.0	90.0	134.9	188.9	259.4	352.4	496.3	617.7	745.2
-2.5°	0.0	21.1	54.3	90.7	135.7	190.1	261.4	356.2	498.2	617.9	745.3
-5°	0.0	21.2	54.5	91.2	136.1	190.8	262.5	358.7	497.9	616.0	742.8
-7.5°	0.0	21.3	54.6	91.4	136.1	191.0	262.8	359.7	495.5	612.1	737.7
-10°	0.0	21.3	54.6	91.5	135.9	190.6	262.2	359.3	491.1	606.4	730.1
-12.5°	0.0	21.3	54.4	91.3	135.3	189.6	260.7	357.3	484.9	599.0	720.3
-15°	0.0	21.2	54.1	90.9	134.3	188.1	258.2	353.7	476.8	590.2	708.1
-17.5°	0.0	21.1	53.6	90.2	133.1	186.0	254.8	349.6	467.4	579.6	693.6
-20°	0.0	20.9	53.0	89.4	131.5	183.3	252.0	345.4	456.9	567.4	676.6

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	20.7	52.3	88.3	129.6	180.0	250.8	340.1	445.5	553.4	657.4
-25°	0.0	20.5	51.5	86.9	127.4	178.6	248.7	333.9	433.3	538.0	635.8
-27.5°	0.0	20.2	50.5	85.4	124.8	177.5	245.7	326.8	420.6	521.1	616.1
-30°	0.0	19.8	49.4	83.6	122.2	175.8	241.9	318.9	409.2	503.9	595.1
-32.5°	0.0	19.4	48.2	81.6	121.1	173.3	237.2	312.6	398.4	486.7	572.6
-35°	0.0	19.0	46.9	79.3	119.6	170.0	233.0	306.0	386.8	469.7	548.8
-37.5°	0.0	18.5	45.4	76.9	117.5	166.6	228.4	298.6	374.7	452.9	525.4
-40°	0.0	17.9	43.9	74.2	115.0	163.6	222.9	290.2	362.1	437.7	502.6
-42.5°	0.0	17.3	42.2	71.6	112.1	159.9	216.5	281.0	350.5	418.4	478.6
-45°	0.0	16.7	40.4	69.2	109.0	155.5	209.2	271.4	338.9	397.6	453.7
-47.5°	0.0	16.1	38.5	66.5	105.3	150.5	200.9	261.7	326.2	376.1	429.7
-50°	0.0	15.3	36.5	63.7	101.1	144.8	193.6	250.9	308.4	356.2	404.8
-52.5°	0.0	14.6	34.4	60.8	96.5	138.5	185.7	239.0	290.4	335.8	379.5
-55°	0.0	13.8	32.2	57.4	91.3	131.6	177.0	226.3	271.8	314.8	356.5
-57.5°	0.0	13.0	29.9	53.8	85.8	124.1	167.6	214.7	252.4	292.8	333.0
-60°	0.0	12.1	27.5	49.9	79.8	116.0	157.3	200.1	232.5	269.8	308.3
-62.5°	0.0	11.2	25.5	45.7	73.3	107.3	145.9	183.8	212.9	246.1	281.6
-65°	0.0	10.3	23.5	41.3	66.4	98.0	133.8	166.7	192.3	221.5	254.0
-67.5°	0.0	9.4	21.4	36.6	59.1	87.8	120.9	148.7	170.8	195.9	224.3
-70°	0.0	8.4	19.2	31.6	51.4	76.7	107.4	130.3	149.1	169.3	193.0
-72.5°	0.0	7.4	16.9	27.7	43.3	65.1	91.8	111.5	127.0	143.6	161.3
-75°	0.0	6.4	14.6	23.9	35.0	53.0	75.4	91.6	104.4	117.4	131.4
-77.5°	0.0	5.3	12.2	20.0	28.9	40.5	58.4	71.2	81.9	91.5	101.1
-80°	0.0	4.3	9.8	16.1	23.2	31.2	40.9	50.8	59.4	67.2	74.0
-82.5°	0.0	3.2	7.4	12.1	17.5	23.5	30.1	33.5	36.9	42.8	48.0
-85°	0.0	2.2	5.0	8.1	11.7	15.7	20.1	22.3	24.1	25.6	26.7
-87.5°	0.0	1.1	2.5	4.1	5.9	7.9	10.1	11.2	12.1	12.8	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	13.5	13.5	13.3	12.9	12.3	11.6	10.7	9.6	10.0	10.3	10.7
85°	27.1	27.1	29.3	31.4	32.3	32.5	31.8	30.4	34.4	38.9	43.7
82.5°	52.8	57.4	61.7	65.8	66.2	65.1	63.1	60.8	68.8	78.5	88.6
80°	80.9	87.7	95.5	102.7	104.4	103.7	101.5	97.8	108.3	123.3	139.4
77.5°	112.3	123.0	133.0	142.2	144.8	144.4	142.8	139.8	153.2	173.9	195.5
75°	145.4	158.3	171.2	182.5	187.3	187.7	187.2	190.4	208.1	232.3	253.7
72.5°	179.9	196.4	210.9	223.4	231.1	237.1	244.9	254.5	272.4	296.2	317.2
70°	216.3	234.7	250.0	263.8	275.7	288.6	305.3	321.7	340.6	364.3	386.1
67.5°	252.4	271.0	288.2	305.2	326.8	347.6	368.3	389.8	413.5	438.5	460.5
65°	285.7	306.8	327.8	352.4	380.6	404.1	429.6	457.6	488.7	516.8	542.4
62.5°	317.7	341.4	367.5	397.2	427.8	457.2	491.4	527.4	563.7	599.0	633.9
60°	344.8	374.3	405.9	439.5	474.8	514.9	554.9	597.7	641.1	683.5	726.8
57.5°	370.7	407.2	443.7	482.9	526.8	572.6	620.7	668.8	720.8	772.2	821.2
55°	397.7	440.7	482.2	528.7	579.0	632.8	687.1	745.5	802.9	867.5	927.1
52.5°	426.5	473.3	522.1	575.2	634.0	694.7	758.4	825.3	896.7	968.6	1041.4
50°	454.6	507.4	561.7	625.2	690.9	760.3	833.9	911.8	994.9	1078.1	1166.3
47.5°	484.0	540.4	606.6	675.6	750.9	829.9	913.2	1005.9	1098.3	1203.0	1304.2
45°	513.1	577.8	649.7	729.9	812.6	901.4	1000.5	1102.3	1220.3	1338.6	1471.5
42.5°	540.9	615.5	696.7	782.5	876.5	978.6	1088.2	1216.4	1349.4	1495.8	1651.7
40°	572.9	651.6	743.1	838.9	940.8	1057.5	1189.5	1331.7	1493.9	1667.3	1844.5
37.5°	603.9	692.3	788.8	892.7	1011.0	1142.5	1288.2	1462.5	1649.7	1846.8	2087.9
35°	632.9	731.1	835.9	949.7	1077.8	1230.3	1404.5	1597.1	1812.7	2067.1	2348.4
32.5°	663.8	767.8	880.3	1008.1	1153.1	1319.6	1517.5	1744.1	1999.4	2289.0	2641.0
30°	695.0	805.5	924.5	1062.7	1224.0	1416.7	1641.5	1892.0	2185.7	2549.0	2962.1
27.5°	723.8	840.8	971.1	1120.6	1293.0	1506.3	1760.7	2054.5	2400.4	2810.9	3293.5
25°	750.2	872.9	1014.0	1175.7	1369.1	1603.0	1878.8	2204.2	2615.2	3104.7	3698.4
22.5°	775.4	902.2	1052.8	1225.3	1437.6	1696.6	2007.1	2379.3	2833.7	3383.0	4095.1
20°	799.1	933.9	1091.2	1272.7	1498.9	1781.0	2125.0	2542.8	3059.9	3710.2	4484.0
17.5°	819.8	961.8	1127.6	1324.0	1567.1	1866.9	2236.2	2687.2	3261.2	4002.4	4843.0
15°	837.7	985.9	1159.1	1368.4	1628.6	1952.3	2352.9	2845.5	3471.2	4268.2	5158.1
12.5°	852.6	1006.1	1185.6	1405.8	1680.2	2024.5	2452.5	2986.6	3675.9	4518.5	5434.8
10°	864.4	1022.2	1206.9	1435.9	1721.9	2083.1	2534.7	3102.0	3846.1	4733.0	5668.8
7.5°	874.3	1034.9	1223.2	1458.8	1753.4	2127.9	2598.6	3191.0	3979.1	4902.9	5848.4
5°	881.3	1043.9	1235.6	1474.8	1776.5	2159.1	2643.3	3253.3	4073.8	5026.0	5971.3
2.5°	885.3	1048.8	1242.8	1483.3	1790.7	2176.8	2666.7	3292.4	4125.8	5096.2	6045.5
0°	886.1	1049.6	1244.5	1484.4	1794.7	2180.1	2670.4	3304.6	4136.8	5114.4	6072.5
-2.5°	885.3	1048.8	1242.8	1483.3	1790.7	2176.8	2666.7	3292.4	4125.8	5096.2	6045.5
-5°	881.3	1043.9	1235.6	1474.8	1776.5	2159.1	2643.3	3253.3	4073.8	5026.0	5971.3
-7.5°	874.3	1034.9	1223.2	1458.8	1753.4	2127.9	2598.6	3191.0	3979.1	4902.9	5848.4
-10°	864.4	1022.2	1206.9	1435.9	1721.9	2083.1	2534.7	3102.0	3846.1	4733.0	5668.8
-12.5°	852.6	1006.1	1185.6	1405.8	1680.2	2024.5	2452.5	2986.6	3675.9	4518.5	5434.8
-15°	837.7	985.9	1159.1	1368.4	1628.6	1952.3	2352.9	2845.5	3471.2	4268.2	5158.1
-17.5°	819.8	961.8	1127.6	1324.0	1567.1	1866.9	2236.2	2687.2	3261.2	4002.4	4843.0
-20°	799.1	933.9	1091.2	1272.7	1498.9	1781.0	2125.0	2542.8	3059.9	3710.2	4484.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	775.4	902.2	1052.8	1225.3	1437.6	1696.6	2007.1	2379.3	2833.7	3383.0	4095.1
-25°	750.2	872.9	1014.0	1175.7	1369.1	1603.0	1878.8	2204.2	2615.2	3104.7	3698.4
-27.5°	723.8	840.8	971.1	1120.6	1293.0	1506.3	1760.7	2054.5	2400.4	2810.9	3293.5
-30°	695.0	805.5	924.5	1062.7	1224.0	1416.7	1641.5	1892.0	2185.7	2549.0	2962.1
-32.5°	663.8	767.8	880.3	1008.1	1153.1	1319.6	1517.5	1744.1	1999.4	2289.0	2641.0
-35°	632.9	731.1	835.9	949.7	1077.8	1230.3	1404.5	1597.1	1812.7	2067.1	2348.4
-37.5°	603.9	692.3	788.8	892.7	1011.0	1142.5	1288.2	1462.5	1649.7	1846.8	2087.9
-40°	572.9	651.6	743.1	838.9	940.8	1057.5	1189.5	1331.7	1493.9	1667.3	1844.5
-42.5°	540.9	615.5	696.7	782.5	876.5	978.6	1088.2	1216.4	1349.4	1495.8	1651.7
-45°	513.1	577.8	649.7	729.9	812.6	901.4	1000.5	1102.3	1220.3	1338.6	1471.5
-47.5°	484.0	540.4	606.6	675.6	750.9	829.9	913.2	1005.9	1098.3	1203.0	1304.2
-50°	454.6	507.4	561.7	625.2	690.9	760.3	833.9	911.8	994.9	1078.1	1166.3
-52.5°	426.5	473.3	522.1	575.2	634.0	694.7	758.4	825.3	896.7	968.6	1041.4
-55°	397.7	440.7	482.2	528.7	579.0	632.8	687.1	745.5	802.9	867.5	927.1
-57.5°	370.7	407.2	443.7	482.9	526.8	572.6	620.7	668.8	720.8	772.2	821.2
-60°	344.8	374.3	405.9	439.5	474.8	514.9	554.9	597.7	641.1	683.5	726.8
-62.5°	317.7	341.4	367.5	397.2	427.8	457.2	491.4	527.4	563.7	599.0	633.9
-65°	285.7	306.8	327.8	352.4	380.6	404.1	429.6	457.6	488.7	516.8	542.4
-67.5°	252.4	271.0	288.2	305.2	326.8	347.6	368.3	389.8	413.5	438.5	460.5
-70°	216.3	234.7	250.0	263.8	275.7	288.6	305.3	321.7	340.6	364.3	386.1
-72.5°	179.9	196.4	210.9	223.4	231.1	237.1	244.9	254.5	272.4	296.2	317.2
-75°	145.4	158.3	171.2	182.5	187.3	187.7	187.2	190.4	208.1	232.3	253.7
-77.5°	112.3	123.0	133.0	142.2	144.8	144.4	142.8	139.8	153.2	173.9	195.5
-80°	80.9	87.7	95.5	102.7	104.4	103.7	101.5	97.8	108.3	123.3	139.4
-82.5°	52.8	57.4	61.7	65.8	66.2	65.1	63.1	60.8	68.8	78.5	88.6
-85°	27.1	27.1	29.3	31.4	32.3	32.5	31.8	30.4	34.4	38.9	43.7
-87.5°	13.5	13.5	13.3	12.9	12.3	11.6	10.7	9.6	10.0	10.3	10.7
-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: P627793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-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°	11.1	10.8	10.4	10.0	9.5	9.4	9.2	8.9	8.7	8.1	7.4
85°	48.8	49.9	50.5	50.8	50.8	52.4	53.9	55.3	56.5	51.2	45.4
82.5°	99.2	103.8	107.9	111.9	115.9	118.7	120.8	122.3	123.2	111.6	98.5
80°	156.0	165.8	173.9	181.7	189.1	190.9	190.9	189.8	187.8	171.8	153.7
77.5°	217.1	229.9	240.0	250.1	260.0	263.7	265.4	266.8	267.7	247.9	223.5
75°	272.4	287.6	301.9	315.0	327.2	333.7	337.5	340.6	343.0	323.2	297.1
72.5°	335.4	351.6	367.0	381.6	394.5	403.1	408.6	413.2	416.8	405.5	389.2
70°	404.8	421.5	437.8	453.0	467.6	479.1	488.1	495.9	502.4	503.7	503.1
67.5°	481.8	501.6	520.9	537.5	554.8	571.1	585.3	597.2	606.7	612.9	616.4
65°	568.3	598.0	624.4	646.7	665.5	687.1	706.3	720.9	731.2	739.0	745.7
62.5°	670.1	706.1	736.3	766.2	797.0	826.9	845.6	864.4	882.7	900.0	914.8
60°	768.2	807.7	848.5	886.6	921.9	954.3	987.9	1017.7	1043.7	1065.5	1081.7
57.5°	872.7	920.7	967.2	1015.5	1061.1	1103.5	1145.0	1183.3	1216.4	1244.3	1267.0
55°	986.1	1044.7	1100.0	1161.4	1221.0	1275.3	1325.3	1376.5	1422.7	1463.3	1495.5
52.5°	1108.3	1184.7	1257.9	1330.0	1407.2	1476.8	1539.2	1610.1	1673.1	1725.1	1765.7
50°	1254.3	1344.1	1440.7	1530.1	1627.4	1723.2	1811.6	1897.2	1980.9	2053.3	2111.9
47.5°	1420.6	1530.9	1650.6	1769.1	1889.9	2021.0	2137.9	2246.6	2363.6	2465.3	2546.8
45°	1605.3	1746.0	1890.6	2057.1	2210.6	2379.0	2534.8	2674.7	2840.7	2986.9	3104.7
42.5°	1810.3	1997.8	2187.9	2397.7	2601.2	2815.0	3042.0	3243.3	3463.5	3673.4	3843.1
40°	2064.4	2288.5	2543.1	2797.0	3089.2	3363.6	3694.3	3994.9	4267.8	4518.1	4723.3
37.5°	2346.7	2635.2	2955.0	3285.8	3685.6	4077.4	4464.5	4830.0	5152.7	5426.7	5656.5
35°	2667.3	3033.8	3421.2	3904.0	4372.4	4841.8	5279.0	5678.5	6029.4	6338.5	6601.4
32.5°	3035.9	3475.9	4018.1	4560.5	5094.9	5611.7	6091.7	6527.4	6912.3	7259.3	7561.5
30°	3423.5	4023.8	4632.4	5227.5	5811.1	6377.1	6904.0	7383.9	7818.8	8205.1	8553.4
27.5°	3916.0	4581.3	5245.0	5886.5	6528.5	7148.0	7719.0	8252.1	8751.1	9187.8	9585.9
25°	4392.4	5127.4	5832.9	6532.4	7231.3	7896.4	8534.8	9136.9	9708.5	10209.7	10654.0
22.5°	4868.8	5638.1	6392.0	7144.1	7894.8	8636.3	9353.1	10043.0	10682.2	11252.9	11753.1
20°	5310.0	6114.2	6920.4	7731.2	8545.0	9356.6	10161.8	10938.1	11650.1	12309.0	12888.0
17.5°	5705.5	6560.8	7415.5	8282.8	9164.9	10046.1	10940.6	11810.8	12624.9	13374.5	14046.1
15°	6055.8	6948.3	7866.2	8802.1	9749.4	10706.4	11682.3	12656.0	13572.3	14423.8	15173.7
12.5°	6362.0	7289.9	8252.0	9246.4	10274.5	11317.1	12382.2	13449.5	14463.9	15446.9	16256.6
10°	6614.7	7580.5	8586.1	9630.9	10715.1	11837.2	12979.8	14128.8	15246.4	16289.2	17215.1
7.5°	6809.9	7811.8	8848.0	9934.7	11072.2	12255.4	13465.9	14685.2	15877.9	17001.5	18026.0
5°	6947.6	7980.2	9029.5	10159.8	11336.9	12563.0	13821.1	15091.6	16338.5	17519.9	18581.6
2.5°	7027.5	8081.3	9135.1	10296.6	11494.2	12749.1	14041.3	15332.8	16612.5	17837.9	18928.9
0°	7048.6	8111.6	9195.7	10311.2	11543.7	12836.1	14082.1	15377.6	16707.5	17916.0	19003.1
-2.5°	7027.5	8081.3	9135.1	10296.6	11494.2	12749.1	14041.3	15332.8	16612.5	17837.9	18928.9
-5°	6947.6	7980.2	9029.5	10159.8	11336.9	12563.0	13821.1	15091.6	16338.5	17519.9	18581.6
-7.5°	6809.9	7811.8	8848.0	9934.7	11072.2	12255.4	13465.9	14685.2	15877.9	17001.5	18026.0
-10°	6614.7	7580.5	8586.1	9630.9	10715.1	11837.2	12979.8	14128.8	15246.4	16289.2	17215.1
-12.5°	6362.0	7289.9	8252.0	9246.4	10274.5	11317.1	12382.2	13449.5	14463.9	15446.9	16256.6
-15°	6055.8	6948.3	7866.2	8802.1	9749.4	10706.4	11682.3	12656.0	13572.3	14423.8	15173.7
-17.5°	5705.5	6560.8	7415.5	8282.8	9164.9	10046.1	10940.6	11810.8	12624.9	13374.5	14046.1
-20°	5310.0	6114.2	6920.4	7731.2	8545.0	9356.6	10161.8	10938.1	11650.1	12309.0	12888.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4868.8	5638.1	6392.0	7144.1	7894.8	8636.3	9353.1	10043.0	10682.2	11252.9	11753.1
-25°	4392.4	5127.4	5832.9	6532.4	7231.3	7896.4	8534.8	9136.9	9708.5	10209.7	10654.0
-27.5°	3916.0	4581.3	5245.0	5886.5	6528.5	7148.0	7719.0	8252.1	8751.1	9187.8	9585.9
-30°	3423.5	4023.8	4632.4	5227.5	5811.1	6377.1	6904.0	7383.9	7818.8	8205.1	8553.4
-32.5°	3035.9	3475.9	4018.1	4560.5	5094.9	5611.7	6091.7	6527.4	6912.3	7259.3	7561.5
-35°	2667.3	3033.8	3421.2	3904.0	4372.4	4841.8	5279.0	5678.5	6029.4	6338.5	6601.4
-37.5°	2346.7	2635.2	2955.0	3285.8	3685.6	4077.4	4464.5	4830.0	5152.7	5426.7	5656.5
-40°	2064.4	2288.5	2543.1	2797.0	3089.2	3363.6	3694.3	3994.9	4267.8	4518.1	4723.3
-42.5°	1810.3	1997.8	2187.9	2397.7	2601.2	2815.0	3042.0	3243.3	3463.5	3673.4	3843.1
-45°	1605.3	1746.0	1890.6	2057.1	2210.6	2379.0	2534.8	2674.7	2840.7	2986.9	3104.7
-47.5°	1420.6	1530.9	1650.6	1769.1	1889.9	2021.0	2137.9	2246.6	2363.6	2465.3	2546.8
-50°	1254.3	1344.1	1440.7	1530.1	1627.4	1723.2	1811.6	1897.2	1980.9	2053.3	2111.9
-52.5°	1108.3	1184.7	1257.9	1330.0	1407.2	1476.8	1539.2	1610.1	1673.1	1725.1	1765.7
-55°	986.1	1044.7	1100.0	1161.4	1221.0	1275.3	1325.3	1376.5	1422.7	1463.3	1495.5
-57.5°	872.7	920.7	967.2	1015.5	1061.1	1103.5	1145.0	1183.3	1216.4	1244.3	1267.0
-60°	768.2	807.7	848.5	886.6	921.9	954.3	987.9	1017.7	1043.7	1065.5	1081.7
-62.5°	670.1	706.1	736.3	766.2	797.0	826.9	845.6	864.4	882.7	900.0	914.8
-65°	568.3	598.0	624.4	646.7	665.5	687.1	706.3	720.9	731.2	739.0	745.7
-67.5°	481.8	501.6	520.9	537.5	554.8	571.1	585.3	597.2	606.7	612.9	616.4
-70°	404.8	421.5	437.8	453.0	467.6	479.1	488.1	495.9	502.4	503.7	503.1
-72.5°	335.4	351.6	367.0	381.6	394.5	403.1	408.6	413.2	416.8	405.5	389.2
-75°	272.4	287.6	301.9	315.0	327.2	333.7	337.5	340.6	343.0	323.2	297.1
-77.5°	217.1	229.9	240.0	250.1	260.0	263.7	265.4	266.8	267.7	247.9	223.5
-80°	156.0	165.8	173.9	181.7	189.1	190.9	190.9	189.8	187.8	171.8	153.7
-82.5°	99.2	103.8	107.9	111.9	115.9	118.7	120.8	122.3	123.2	111.6	98.5
-85°	48.8	49.9	50.5	50.8	50.8	52.4	53.9	55.3	56.5	51.2	45.4
-87.5°	11.1	10.8	10.4	10.0	9.5	9.4	9.2	8.9	8.7	8.1	7.4
-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: P627793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	6.7	6.0	5.2	4.5	5.2	6.0	6.7	7.4	8.1	8.7	8.9
85°	39.3	32.8	32.2	31.5	32.2	32.8	39.3	45.4	51.2	56.5	55.3
82.5°	84.7	70.3	68.2	66.0	68.2	70.3	84.7	98.5	111.6	123.2	122.3
80°	134.9	115.4	111.6	108.0	111.6	115.4	134.9	153.7	171.8	187.8	189.8
77.5°	197.9	171.2	163.3	155.9	163.3	171.2	197.9	223.5	247.9	267.7	266.8
75°	269.9	241.8	232.3	223.4	232.3	241.8	269.9	297.1	323.2	343.0	340.6
72.5°	372.7	355.6	338.3	319.4	338.3	355.6	372.7	389.2	405.5	416.8	413.2
70°	502.6	501.4	497.0	490.3	497.0	501.4	502.6	503.1	503.7	502.4	495.9
67.5°	617.9	617.4	618.9	619.2	618.9	617.4	617.9	616.4	612.9	606.7	597.2
65°	749.8	751.2	754.3	755.7	754.3	751.2	749.8	745.7	739.0	731.2	720.9
62.5°	926.1	933.8	937.5	937.1	937.5	933.8	926.1	914.8	900.0	882.7	864.4
60°	1093.8	1101.7	1106.7	1108.0	1106.7	1101.7	1093.8	1081.7	1065.5	1043.7	1017.7
57.5°	1285.1	1298.1	1305.0	1306.0	1305.0	1298.1	1285.1	1267.0	1244.3	1216.4	1183.3
55°	1520.3	1537.5	1545.3	1544.4	1545.3	1537.5	1520.3	1495.5	1463.3	1422.7	1376.5
52.5°	1796.4	1817.4	1833.1	1842.7	1833.1	1817.4	1796.4	1765.7	1725.1	1673.1	1610.1
50°	2155.9	2186.1	2205.3	2213.1	2205.3	2186.1	2155.9	2111.9	2053.3	1980.9	1897.2
47.5°	2605.7	2645.7	2675.3	2695.9	2675.3	2645.7	2605.7	2546.8	2465.3	2363.6	2246.6
45°	3191.6	3252.6	3293.9	3318.1	3293.9	3252.6	3191.6	3104.7	2986.9	2840.7	2674.7
42.5°	3975.6	4070.1	4128.1	4150.3	4128.1	4070.1	3975.6	3843.1	3673.4	3463.5	3243.3
40°	4885.3	4998.9	5073.4	5124.9	5073.4	4998.9	4885.3	4723.3	4518.1	4267.8	3994.9
37.5°	5832.9	5952.2	6024.7	6074.0	6024.7	5952.2	5832.9	5656.5	5426.7	5152.7	4830.0
35°	6799.5	6924.4	6992.5	7030.6	6992.5	6924.4	6799.5	6601.4	6338.5	6029.4	5678.5
32.5°	7791.9	7929.5	8003.5	8080.1	8003.5	7929.5	7791.9	7561.5	7259.3	6912.3	6527.4
30°	8828.5	8986.4	9063.9	9101.2	9063.9	8986.4	8828.5	8553.4	8205.1	7818.8	7383.9
27.5°	9907.1	10103.9	10200.9	10264.7	10200.9	10103.9	9907.1	9585.9	9187.8	8751.1	8252.1
25°	11029.4	11273.3	11384.3	11483.7	11384.3	11273.3	11029.4	10654.0	10209.7	9708.5	9136.9
22.5°	12193.8	12497.5	12626.1	12696.7	12626.1	12497.5	12193.8	11753.1	11252.9	10682.2	10043.0
20°	13388.5	13751.5	13930.2	14022.1	13930.2	13751.5	13388.5	12888.0	12309.0	11650.1	10938.1
17.5°	14610.3	15061.7	15293.0	15346.1	15293.0	15061.7	14610.3	14046.1	13374.5	12624.9	11810.8
15°	15809.8	16298.0	16571.4	16671.5	16571.4	16298.0	15809.8	15173.7	14423.8	13572.3	12656.0
12.5°	16945.6	17451.7	17778.3	17836.5	17778.3	17451.7	16945.6	16256.6	15446.9	14463.9	13449.5
10°	17975.8	18500.1	18860.9	18943.1	18860.9	18500.1	17975.8	17215.1	16289.2	15246.4	14128.8
7.5°	18837.0	19412.3	19810.9	19880.2	19810.9	19412.3	18837.0	18026.0	17001.5	15877.9	14685.2
5°	19467.1	20150.1	20477.3	20559.4	20477.3	20150.1	19467.1	18581.6	17519.9	16338.5	15091.6
2.5°	19812.8	20508.1	20962.8	20910.3	20962.8	20508.1	19812.8	18928.9	17837.9	16612.5	15332.8
0°	19851.7	20578.9	21013.7	21214.6	21013.7	20578.9	19851.7	19003.1	17916.0	16707.5	15377.6
-2.5°	19812.8	20508.1	20962.8	20910.3	20962.8	20508.1	19812.8	18928.9	17837.9	16612.5	15332.8
-5°	19467.1	20150.1	20477.3	20559.4	20477.3	20150.1	19467.1	18581.6	17519.9	16338.5	15091.6
-7.5°	18837.0	19412.3	19810.9	19880.2	19810.9	19412.3	18837.0	18026.0	17001.5	15877.9	14685.2
-10°	17975.8	18500.1	18860.9	18943.1	18860.9	18500.1	17975.8	17215.1	16289.2	15246.4	14128.8
-12.5°	16945.6	17451.7	17778.3	17836.5	17778.3	17451.7	16945.6	16256.6	15446.9	14463.9	13449.5
-15°	15809.8	16298.0	16571.4	16671.5	16571.4	16298.0	15809.8	15173.7	14423.8	13572.3	12656.0
-17.5°	14610.3	15061.7	15293.0	15346.1	15293.0	15061.7	14610.3	14046.1	13374.5	12624.9	11810.8
-20°	13388.5	13751.5	13930.2	14022.1	13930.2	13751.5	13388.5	12888.0	12309.0	11650.1	10938.1



REPORT NUMBER: P627793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	12193.8	12497.5	12626.1	12696.7	12626.1	12497.5	12193.8	11753.1	11252.9	10682.2	10043.0
-25°	11029.4	11273.3	11384.3	11483.7	11384.3	11273.3	11029.4	10654.0	10209.7	9708.5	9136.9
-27.5°	9907.1	10103.9	10200.9	10264.7	10200.9	10103.9	9907.1	9585.9	9187.8	8751.1	8252.1
-30°	8828.5	8986.4	9063.9	9101.2	9063.9	8986.4	8828.5	8553.4	8205.1	7818.8	7383.9
-32.5°	7791.9	7929.5	8003.5	8080.1	8003.5	7929.5	7791.9	7561.5	7259.3	6912.3	6527.4
-35°	6799.5	6924.4	6992.5	7030.6	6992.5	6924.4	6799.5	6601.4	6338.5	6029.4	5678.5
-37.5°	5832.9	5952.2	6024.7	6074.0	6024.7	5952.2	5832.9	5656.5	5426.7	5152.7	4830.0
-40°	4885.3	4998.9	5073.4	5124.9	5073.4	4998.9	4885.3	4723.3	4518.1	4267.8	3994.9
-42.5°	3975.6	4070.1	4128.1	4150.3	4128.1	4070.1	3975.6	3843.1	3673.4	3463.5	3243.3
-45°	3191.6	3252.6	3293.9	3318.1	3293.9	3252.6	3191.6	3104.7	2986.9	2840.7	2674.7
-47.5°	2605.7	2645.7	2675.3	2695.9	2675.3	2645.7	2605.7	2546.8	2465.3	2363.6	2246.6
-50°	2155.9	2186.1	2205.3	2213.1	2205.3	2186.1	2155.9	2111.9	2053.3	1980.9	1897.2
-52.5°	1796.4	1817.4	1833.1	1842.7	1833.1	1817.4	1796.4	1765.7	1725.1	1673.1	1610.1
-55°	1520.3	1537.5	1545.3	1544.4	1545.3	1537.5	1520.3	1495.5	1463.3	1422.7	1376.5
-57.5°	1285.1	1298.1	1305.0	1306.0	1305.0	1298.1	1285.1	1267.0	1244.3	1216.4	1183.3
-60°	1093.8	1101.7	1106.7	1108.0	1106.7	1101.7	1093.8	1081.7	1065.5	1043.7	1017.7
-62.5°	926.1	933.8	937.5	937.1	937.5	933.8	926.1	914.8	900.0	882.7	864.4
-65°	749.8	751.2	754.3	755.7	754.3	751.2	749.8	745.7	739.0	731.2	720.9
-67.5°	617.9	617.4	618.9	619.2	618.9	617.4	617.9	616.4	612.9	606.7	597.2
-70°	502.6	501.4	497.0	490.3	497.0	501.4	502.6	503.1	503.7	502.4	495.9
-72.5°	372.7	355.6	338.3	319.4	338.3	355.6	372.7	389.2	405.5	416.8	413.2
-75°	269.9	241.8	232.3	223.4	232.3	241.8	269.9	297.1	323.2	343.0	340.6
-77.5°	197.9	171.2	163.3	155.9	163.3	171.2	197.9	223.5	247.9	267.7	266.8
-80°	134.9	115.4	111.6	108.0	111.6	115.4	134.9	153.7	171.8	187.8	189.8
-82.5°	84.7	70.3	68.2	66.0	68.2	70.3	84.7	98.5	111.6	123.2	122.3
-85°	39.3	32.8	32.2	31.5	32.2	32.8	39.3	45.4	51.2	56.5	55.3
-87.5°	6.7	6.0	5.2	4.5	5.2	6.0	6.7	7.4	8.1	8.7	8.9
-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: P627793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	9.2	9.4	9.5	10.0	10.4	10.8	11.1	10.7	10.3	10.0	9.6
85°	53.9	52.4	50.8	50.8	50.5	49.9	48.8	43.7	38.9	34.4	30.4
82.5°	120.8	118.7	115.9	111.9	107.9	103.8	99.2	88.6	78.5	68.8	60.8
80°	190.9	190.9	189.1	181.7	173.9	165.8	156.0	139.4	123.3	108.3	97.8
77.5°	265.4	263.7	260.0	250.1	240.0	229.9	217.1	195.5	173.9	153.2	139.8
75°	337.5	333.7	327.2	315.0	301.9	287.6	272.4	253.7	232.3	208.1	190.4
72.5°	408.6	403.1	394.5	381.6	367.0	351.6	335.4	317.2	296.2	272.4	254.5
70°	488.1	479.1	467.6	453.0	437.8	421.5	404.8	386.1	364.3	340.6	321.7
67.5°	585.3	571.1	554.8	537.5	520.9	501.6	481.8	460.5	438.5	413.5	389.8
65°	706.3	687.1	665.5	646.7	624.4	598.0	568.3	542.4	516.8	488.7	457.6
62.5°	845.6	826.9	797.0	766.2	736.3	706.1	670.1	633.9	599.0	563.7	527.4
60°	987.9	954.3	921.9	886.6	848.5	807.7	768.2	726.8	683.5	641.1	597.7
57.5°	1145.0	1103.5	1061.1	1015.5	967.2	920.7	872.7	821.2	772.2	720.8	668.8
55°	1325.3	1275.3	1221.0	1161.4	1100.0	1044.7	986.1	927.1	867.5	802.9	745.5
52.5°	1539.2	1476.8	1407.2	1330.0	1257.9	1184.7	1108.3	1041.4	968.6	896.7	825.3
50°	1811.6	1723.2	1627.4	1530.1	1440.7	1344.1	1254.3	1166.3	1078.1	994.9	911.8
47.5°	2137.9	2021.0	1889.9	1769.1	1650.6	1530.9	1420.6	1304.2	1203.0	1098.3	1005.9
45°	2534.8	2379.0	2210.6	2057.1	1890.6	1746.0	1605.3	1471.5	1338.6	1220.3	1102.3
42.5°	3042.0	2815.0	2601.2	2397.7	2187.9	1997.8	1810.3	1651.7	1495.8	1349.4	1216.4
40°	3694.3	3363.6	3089.2	2797.0	2543.1	2288.5	2064.4	1844.5	1667.3	1493.9	1331.7
37.5°	4464.5	4077.4	3685.6	3285.8	2955.0	2635.2	2346.7	2087.9	1846.8	1649.7	1462.5
35°	5279.0	4841.8	4372.4	3904.0	3421.2	3033.8	2667.3	2348.4	2067.1	1812.7	1597.1
32.5°	6091.7	5611.7	5094.9	4560.5	4018.1	3475.9	3035.9	2641.0	2289.0	1999.4	1744.1
30°	6904.0	6377.1	5811.1	5227.5	4632.4	4023.8	3423.5	2962.1	2549.0	2185.7	1892.0
27.5°	7719.0	7148.0	6528.5	5886.5	5245.0	4581.3	3916.0	3293.5	2810.9	2400.4	2054.5
25°	8534.8	7896.4	7231.3	6532.4	5832.9	5127.4	4392.4	3698.4	3104.7	2615.2	2204.2
22.5°	9353.1	8636.3	7894.8	7144.1	6392.0	5638.1	4868.8	4095.1	3383.0	2833.7	2379.3
20°	10161.8	9356.6	8545.0	7731.2	6920.4	6114.2	5310.0	4484.0	3710.2	3059.9	2542.8
17.5°	10940.6	10046.1	9164.9	8282.8	7415.5	6560.8	5705.5	4843.0	4002.4	3261.2	2687.2
15°	11682.3	10706.4	9749.4	8802.1	7866.2	6948.3	6055.8	5158.1	4268.2	3471.2	2845.5
12.5°	12382.2	11317.1	10274.5	9246.4	8252.0	7289.9	6362.0	5434.8	4518.5	3675.9	2986.6
10°	12979.8	11837.2	10715.1	9630.9	8586.1	7580.5	6614.7	5668.8	4733.0	3846.1	3102.0
7.5°	13465.9	12255.4	11072.2	9934.7	8848.0	7811.8	6809.9	5848.4	4902.9	3979.1	3191.0
5°	13821.1	12563.0	11336.9	10159.8	9029.5	7980.2	6947.6	5971.3	5026.0	4073.8	3253.3
2.5°	14041.3	12749.1	11494.2	10296.6	9135.1	8081.3	7027.5	6045.5	5096.2	4125.8	3292.4
0°	14082.1	12836.1	11543.7	10311.2	9195.7	8111.6	7048.6	6072.5	5114.4	4136.8	3304.6
-2.5°	14041.3	12749.1	11494.2	10296.6	9135.1	8081.3	7027.5	6045.5	5096.2	4125.8	3292.4
-5°	13821.1	12563.0	11336.9	10159.8	9029.5	7980.2	6947.6	5971.3	5026.0	4073.8	3253.3
-7.5°	13465.9	12255.4	11072.2	9934.7	8848.0	7811.8	6809.9	5848.4	4902.9	3979.1	3191.0
-10°	12979.8	11837.2	10715.1	9630.9	8586.1	7580.5	6614.7	5668.8	4733.0	3846.1	3102.0
-12.5°	12382.2	11317.1	10274.5	9246.4	8252.0	7289.9	6362.0	5434.8	4518.5	3675.9	2986.6
-15°	11682.3	10706.4	9749.4	8802.1	7866.2	6948.3	6055.8	5158.1	4268.2	3471.2	2845.5
-17.5°	10940.6	10046.1	9164.9	8282.8	7415.5	6560.8	5705.5	4843.0	4002.4	3261.2	2687.2
-20°	10161.8	9356.6	8545.0	7731.2	6920.4	6114.2	5310.0	4484.0	3710.2	3059.9	2542.8



REPORT NUMBER: P627793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9353.1	8636.3	7894.8	7144.1	6392.0	5638.1	4868.8	4095.1	3383.0	2833.7	2379.3
-25°	8534.8	7896.4	7231.3	6532.4	5832.9	5127.4	4392.4	3698.4	3104.7	2615.2	2204.2
-27.5°	7719.0	7148.0	6528.5	5886.5	5245.0	4581.3	3916.0	3293.5	2810.9	2400.4	2054.5
-30°	6904.0	6377.1	5811.1	5227.5	4632.4	4023.8	3423.5	2962.1	2549.0	2185.7	1892.0
-32.5°	6091.7	5611.7	5094.9	4560.5	4018.1	3475.9	3035.9	2641.0	2289.0	1999.4	1744.1
-35°	5279.0	4841.8	4372.4	3904.0	3421.2	3033.8	2667.3	2348.4	2067.1	1812.7	1597.1
-37.5°	4464.5	4077.4	3685.6	3285.8	2955.0	2635.2	2346.7	2087.9	1846.8	1649.7	1462.5
-40°	3694.3	3363.6	3089.2	2797.0	2543.1	2288.5	2064.4	1844.5	1667.3	1493.9	1331.7
-42.5°	3042.0	2815.0	2601.2	2397.7	2187.9	1997.8	1810.3	1651.7	1495.8	1349.4	1216.4
-45°	2534.8	2379.0	2210.6	2057.1	1890.6	1746.0	1605.3	1471.5	1338.6	1220.3	1102.3
-47.5°	2137.9	2021.0	1889.9	1769.1	1650.6	1530.9	1420.6	1304.2	1203.0	1098.3	1005.9
-50°	1811.6	1723.2	1627.4	1530.1	1440.7	1344.1	1254.3	1166.3	1078.1	994.9	911.8
-52.5°	1539.2	1476.8	1407.2	1330.0	1257.9	1184.7	1108.3	1041.4	968.6	896.7	825.3
-55°	1325.3	1275.3	1221.0	1161.4	1100.0	1044.7	986.1	927.1	867.5	802.9	745.5
-57.5°	1145.0	1103.5	1061.1	1015.5	967.2	920.7	872.7	821.2	772.2	720.8	668.8
-60°	987.9	954.3	921.9	886.6	848.5	807.7	768.2	726.8	683.5	641.1	597.7
-62.5°	845.6	826.9	797.0	766.2	736.3	706.1	670.1	633.9	599.0	563.7	527.4
-65°	706.3	687.1	665.5	646.7	624.4	598.0	568.3	542.4	516.8	488.7	457.6
-67.5°	585.3	571.1	554.8	537.5	520.9	501.6	481.8	460.5	438.5	413.5	389.8
-70°	488.1	479.1	467.6	453.0	437.8	421.5	404.8	386.1	364.3	340.6	321.7
-72.5°	408.6	403.1	394.5	381.6	367.0	351.6	335.4	317.2	296.2	272.4	254.5
-75°	337.5	333.7	327.2	315.0	301.9	287.6	272.4	253.7	232.3	208.1	190.4
-77.5°	265.4	263.7	260.0	250.1	240.0	229.9	217.1	195.5	173.9	153.2	139.8
-80°	190.9	190.9	189.1	181.7	173.9	165.8	156.0	139.4	123.3	108.3	97.8
-82.5°	120.8	118.7	115.9	111.9	107.9	103.8	99.2	88.6	78.5	68.8	60.8
-85°	53.9	52.4	50.8	50.8	50.5	49.9	48.8	43.7	38.9	34.4	30.4
-87.5°	9.2	9.4	9.5	10.0	10.4	10.8	11.1	10.7	10.3	10.0	9.6
-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: P627793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-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°	10.7	11.6	12.3	12.9	13.3	13.5	13.5	13.3	12.8	12.1	11.2
85°	31.8	32.5	32.3	31.4	29.3	27.1	27.1	26.7	25.6	24.1	22.3
82.5°	63.1	65.1	66.2	65.8	61.7	57.4	52.8	48.0	42.8	36.9	33.5
80°	101.5	103.7	104.4	102.7	95.5	87.7	80.9	74.0	67.2	59.4	50.8
77.5°	142.8	144.4	144.8	142.2	133.0	123.0	112.3	101.1	91.5	81.9	71.2
75°	187.2	187.7	187.3	182.5	171.2	158.3	145.4	131.4	117.4	104.4	91.6
72.5°	244.9	237.1	231.1	223.4	210.9	196.4	179.9	161.3	143.6	127.0	111.5
70°	305.3	288.6	275.7	263.8	250.0	234.7	216.3	193.0	169.3	149.1	130.3
67.5°	368.3	347.6	326.8	305.2	288.2	271.0	252.4	224.3	195.9	170.8	148.7
65°	429.6	404.1	380.6	352.4	327.8	306.8	285.7	254.0	221.5	192.3	166.7
62.5°	491.4	457.2	427.8	397.2	367.5	341.4	317.7	281.6	246.1	212.9	183.8
60°	554.9	514.9	474.8	439.5	405.9	374.3	344.8	308.3	269.8	232.5	200.1
57.5°	620.7	572.6	526.8	482.9	443.7	407.2	370.7	333.0	292.8	252.4	214.7
55°	687.1	632.8	579.0	528.7	482.2	440.7	397.7	356.5	314.8	271.8	226.3
52.5°	758.4	694.7	634.0	575.2	522.1	473.3	426.5	379.5	335.8	290.4	239.0
50°	833.9	760.3	690.9	625.2	561.7	507.4	454.6	404.8	356.2	308.4	250.9
47.5°	913.2	829.9	750.9	675.6	606.6	540.4	484.0	429.7	376.1	326.2	261.7
45°	1000.5	901.4	812.6	729.9	649.7	577.8	513.1	453.7	397.6	338.9	271.4
42.5°	1088.2	978.6	876.5	782.5	696.7	615.5	540.9	478.6	418.4	350.5	281.0
40°	1189.5	1057.5	940.8	838.9	743.1	651.6	572.9	502.6	437.7	362.1	290.2
37.5°	1288.2	1142.5	1011.0	892.7	788.8	692.3	603.9	525.4	452.9	374.7	298.6
35°	1404.5	1230.3	1077.8	949.7	835.9	731.1	632.9	548.8	469.7	386.8	306.0
32.5°	1517.5	1319.6	1153.1	1008.1	880.3	767.8	663.8	572.6	486.7	398.4	312.6
30°	1641.5	1416.7	1224.0	1062.7	924.5	805.5	695.0	595.1	503.9	409.2	318.9
27.5°	1760.7	1506.3	1293.0	1120.6	971.1	840.8	723.8	616.1	521.1	420.6	326.8
25°	1878.8	1603.0	1369.1	1175.7	1014.0	872.9	750.2	635.8	538.0	433.3	333.9
22.5°	2007.1	1696.6	1437.6	1225.3	1052.8	902.2	775.4	657.4	553.4	445.5	340.1
20°	2125.0	1781.0	1498.9	1272.7	1091.2	933.9	799.1	676.6	567.4	456.9	345.4
17.5°	2236.2	1866.9	1567.1	1324.0	1127.6	961.8	819.8	693.6	579.6	467.4	349.6
15°	2352.9	1952.3	1628.6	1368.4	1159.1	985.9	837.7	708.1	590.2	476.8	353.7
12.5°	2452.5	2024.5	1680.2	1405.8	1185.6	1006.1	852.6	720.3	599.0	484.9	357.3
10°	2534.7	2083.1	1721.9	1435.9	1206.9	1022.2	864.4	730.1	606.4	491.1	359.3
7.5°	2598.6	2127.9	1753.4	1458.8	1223.2	1034.9	874.3	737.7	612.1	495.5	359.7
5°	2643.3	2159.1	1776.5	1474.8	1235.6	1043.9	881.3	742.8	616.0	497.9	358.7
2.5°	2666.7	2176.8	1790.7	1483.3	1242.8	1048.8	885.3	745.3	617.9	498.2	356.2
0°	2670.4	2180.1	1794.7	1484.4	1244.5	1049.6	886.1	745.2	617.7	496.3	352.4
-2.5°	2666.7	2176.8	1790.7	1483.3	1242.8	1048.8	885.3	745.3	617.9	498.2	356.2
-5°	2643.3	2159.1	1776.5	1474.8	1235.6	1043.9	881.3	742.8	616.0	497.9	358.7
-7.5°	2598.6	2127.9	1753.4	1458.8	1223.2	1034.9	874.3	737.7	612.1	495.5	359.7
-10°	2534.7	2083.1	1721.9	1435.9	1206.9	1022.2	864.4	730.1	606.4	491.1	359.3
-12.5°	2452.5	2024.5	1680.2	1405.8	1185.6	1006.1	852.6	720.3	599.0	484.9	357.3
-15°	2352.9	1952.3	1628.6	1368.4	1159.1	985.9	837.7	708.1	590.2	476.8	353.7
-17.5°	2236.2	1866.9	1567.1	1324.0	1127.6	961.8	819.8	693.6	579.6	467.4	349.6
-20°	2125.0	1781.0	1498.9	1272.7	1091.2	933.9	799.1	676.6	567.4	456.9	345.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	2007.1	1696.6	1437.6	1225.3	1052.8	902.2	775.4	657.4	553.4	445.5	340.1
-25°	1878.8	1603.0	1369.1	1175.7	1014.0	872.9	750.2	635.8	538.0	433.3	333.9
-27.5°	1760.7	1506.3	1293.0	1120.6	971.1	840.8	723.8	616.1	521.1	420.6	326.8
-30°	1641.5	1416.7	1224.0	1062.7	924.5	805.5	695.0	595.1	503.9	409.2	318.9
-32.5°	1517.5	1319.6	1153.1	1008.1	880.3	767.8	663.8	572.6	486.7	398.4	312.6
-35°	1404.5	1230.3	1077.8	949.7	835.9	731.1	632.9	548.8	469.7	386.8	306.0
-37.5°	1288.2	1142.5	1011.0	892.7	788.8	692.3	603.9	525.4	452.9	374.7	298.6
-40°	1189.5	1057.5	940.8	838.9	743.1	651.6	572.9	502.6	437.7	362.1	290.2
-42.5°	1088.2	978.6	876.5	782.5	696.7	615.5	540.9	478.6	418.4	350.5	281.0
-45°	1000.5	901.4	812.6	729.9	649.7	577.8	513.1	453.7	397.6	338.9	271.4
-47.5°	913.2	829.9	750.9	675.6	606.6	540.4	484.0	429.7	376.1	326.2	261.7
-50°	833.9	760.3	690.9	625.2	561.7	507.4	454.6	404.8	356.2	308.4	250.9
-52.5°	758.4	694.7	634.0	575.2	522.1	473.3	426.5	379.5	335.8	290.4	239.0
-55°	687.1	632.8	579.0	528.7	482.2	440.7	397.7	356.5	314.8	271.8	226.3
-57.5°	620.7	572.6	526.8	482.9	443.7	407.2	370.7	333.0	292.8	252.4	214.7
-60°	554.9	514.9	474.8	439.5	405.9	374.3	344.8	308.3	269.8	232.5	200.1
-62.5°	491.4	457.2	427.8	397.2	367.5	341.4	317.7	281.6	246.1	212.9	183.8
-65°	429.6	404.1	380.6	352.4	327.8	306.8	285.7	254.0	221.5	192.3	166.7
-67.5°	368.3	347.6	326.8	305.2	288.2	271.0	252.4	224.3	195.9	170.8	148.7
-70°	305.3	288.6	275.7	263.8	250.0	234.7	216.3	193.0	169.3	149.1	130.3
-72.5°	244.9	237.1	231.1	223.4	210.9	196.4	179.9	161.3	143.6	127.0	111.5
-75°	187.2	187.7	187.3	182.5	171.2	158.3	145.4	131.4	117.4	104.4	91.6
-77.5°	142.8	144.4	144.8	142.2	133.0	123.0	112.3	101.1	91.5	81.9	71.2
-80°	101.5	103.7	104.4	102.7	95.5	87.7	80.9	74.0	67.2	59.4	50.8
-82.5°	63.1	65.1	66.2	65.8	61.7	57.4	52.8	48.0	42.8	36.9	33.5
-85°	31.8	32.5	32.3	31.4	29.3	27.1	27.1	26.7	25.6	24.1	22.3
-87.5°	10.7	11.6	12.3	12.9	13.3	13.5	13.5	13.3	12.8	12.1	11.2
-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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REPORT NUMBER: P627793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	10.1	7.9	5.9	4.1	2.5	1.1	0.0
85°	20.1	15.7	11.7	8.1	5.0	2.2	0.0
82.5°	30.1	23.5	17.5	12.1	7.4	3.2	0.0
80°	40.9	31.2	23.2	16.1	9.8	4.3	0.0
77.5°	58.4	40.5	28.9	20.0	12.2	5.3	0.0
75°	75.4	53.0	35.0	23.9	14.6	6.4	0.0
72.5°	91.8	65.1	43.3	27.7	16.9	7.4	0.0
70°	107.4	76.7	51.4	31.6	19.2	8.4	0.0
67.5°	120.9	87.8	59.1	36.6	21.4	9.4	0.0
65°	133.8	98.0	66.4	41.3	23.5	10.3	0.0
62.5°	145.9	107.3	73.3	45.7	25.5	11.2	0.0
60°	157.3	116.0	79.8	49.9	27.5	12.1	0.0
57.5°	167.6	124.1	85.8	53.8	29.9	13.0	0.0
55°	177.0	131.6	91.3	57.4	32.2	13.8	0.0
52.5°	185.7	138.5	96.5	60.8	34.4	14.6	0.0
50°	193.6	144.8	101.1	63.7	36.5	15.3	0.0
47.5°	200.9	150.5	105.3	66.5	38.5	16.1	0.0
45°	209.2	155.5	109.0	69.2	40.4	16.7	0.0
42.5°	216.5	159.9	112.1	71.6	42.2	17.3	0.0
40°	222.9	163.6	115.0	74.2	43.9	17.9	0.0
37.5°	228.4	166.6	117.5	76.9	45.4	18.5	0.0
35°	233.0	170.0	119.6	79.3	46.9	19.0	0.0
32.5°	237.2	173.3	121.1	81.6	48.2	19.4	0.0
30°	241.9	175.8	122.2	83.6	49.4	19.8	0.0
27.5°	245.7	177.5	124.8	85.4	50.5	20.2	0.0
25°	248.7	178.6	127.4	86.9	51.5	20.5	0.0
22.5°	250.8	180.0	129.6	88.3	52.3	20.7	0.0
20°	252.0	183.3	131.5	89.4	53.0	20.9	0.0
17.5°	254.8	186.0	133.1	90.2	53.6	21.1	0.0
15°	258.2	188.1	134.3	90.9	54.1	21.2	0.0
12.5°	260.7	189.6	135.3	91.3	54.4	21.3	0.0
10°	262.2	190.6	135.9	91.5	54.6	21.3	0.0
7.5°	262.8	191.0	136.1	91.4	54.6	21.3	0.0
5°	262.5	190.8	136.1	91.2	54.5	21.2	0.0
2.5°	261.4	190.1	135.7	90.7	54.3	21.1	0.0
0°	259.4	188.9	134.9	90.0	54.0	21.0	0.0
-2.5°	261.4	190.1	135.7	90.7	54.3	21.1	0.0
-5°	262.5	190.8	136.1	91.2	54.5	21.2	0.0
-7.5°	262.8	191.0	136.1	91.4	54.6	21.3	0.0
-10°	262.2	190.6	135.9	91.5	54.6	21.3	0.0
-12.5°	260.7	189.6	135.3	91.3	54.4	21.3	0.0
-15°	258.2	188.1	134.3	90.9	54.1	21.2	0.0
-17.5°	254.8	186.0	133.1	90.2	53.6	21.1	0.0
-20°	252.0	183.3	131.5	89.4	53.0	20.9	0.0

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CATALOG NUMBER: GFLD-SA6B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	250.8	180.0	129.6	88.3	52.3	20.7	0.0
-25°	248.7	178.6	127.4	86.9	51.5	20.5	0.0
-27.5°	245.7	177.5	124.8	85.4	50.5	20.2	0.0
-30°	241.9	175.8	122.2	83.6	49.4	19.8	0.0
-32.5°	237.2	173.3	121.1	81.6	48.2	19.4	0.0
-35°	233.0	170.0	119.6	79.3	46.9	19.0	0.0
-37.5°	228.4	166.6	117.5	76.9	45.4	18.5	0.0
-40°	222.9	163.6	115.0	74.2	43.9	17.9	0.0
-42.5°	216.5	159.9	112.1	71.6	42.2	17.3	0.0
-45°	209.2	155.5	109.0	69.2	40.4	16.7	0.0
-47.5°	200.9	150.5	105.3	66.5	38.5	16.1	0.0
-50°	193.6	144.8	101.1	63.7	36.5	15.3	0.0
-52.5°	185.7	138.5	96.5	60.8	34.4	14.6	0.0
-55°	177.0	131.6	91.3	57.4	32.2	13.8	0.0
-57.5°	167.6	124.1	85.8	53.8	29.9	13.0	0.0
-60°	157.3	116.0	79.8	49.9	27.5	12.1	0.0
-62.5°	145.9	107.3	73.3	45.7	25.5	11.2	0.0
-65°	133.8	98.0	66.4	41.3	23.5	10.3	0.0
-67.5°	120.9	87.8	59.1	36.6	21.4	9.4	0.0
-70°	107.4	76.7	51.4	31.6	19.2	8.4	0.0
-72.5°	91.8	65.1	43.3	27.7	16.9	7.4	0.0
-75°	75.4	53.0	35.0	23.9	14.6	6.4	0.0
-77.5°	58.4	40.5	28.9	20.0	12.2	5.3	0.0
-80°	40.9	31.2	23.2	16.1	9.8	4.3	0.0
-82.5°	30.1	23.5	17.5	12.1	7.4	3.2	0.0
-85°	20.1	15.7	11.7	8.1	5.0	2.2	0.0
-87.5°	10.1	7.9	5.9	4.1	2.5	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)