

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: P627593 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627593 (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-SA5B-740-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N124
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

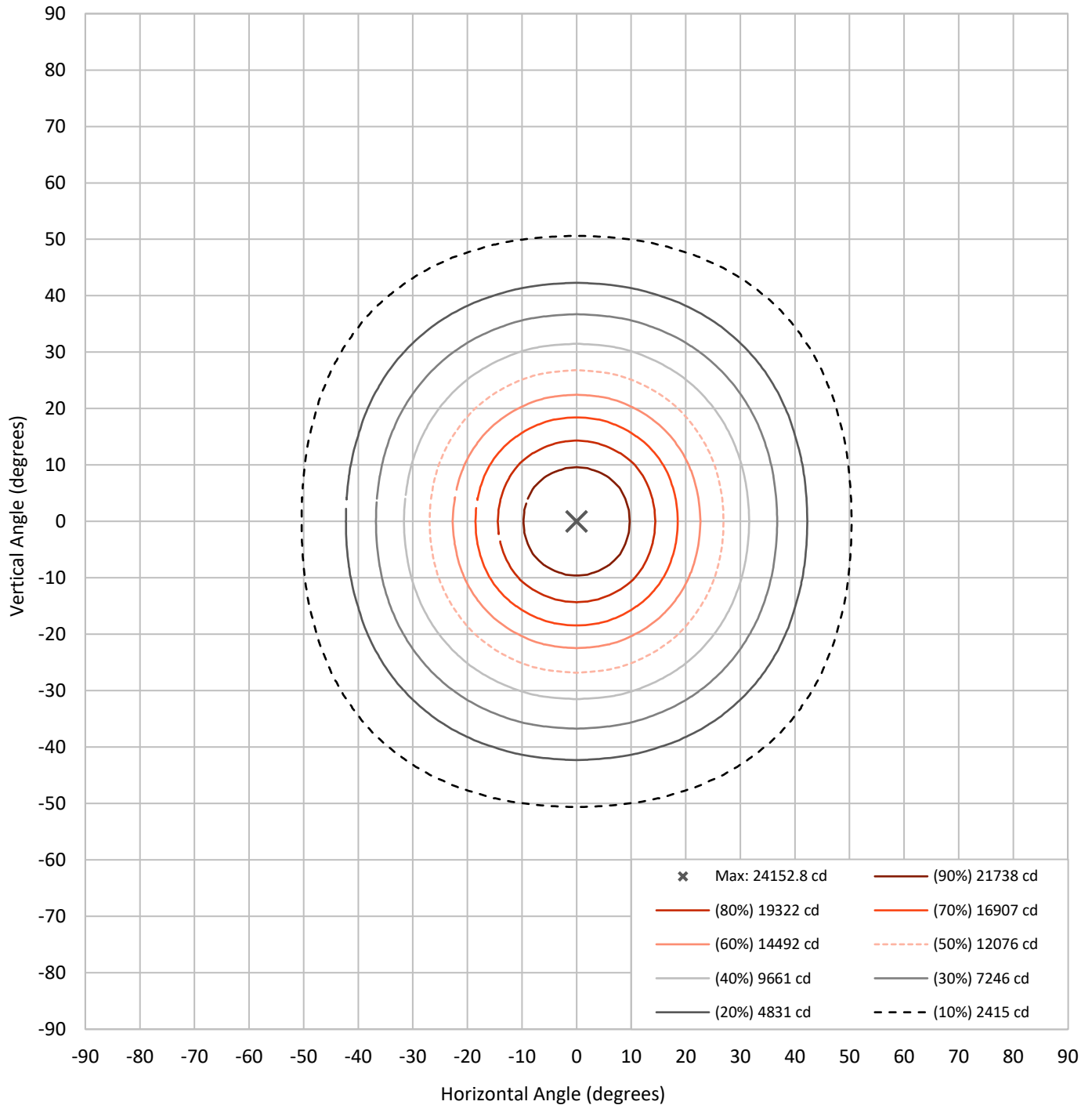
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	24581.8 lumens	Max Intensity:	24152.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	154.9 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:	11753.6 lumens	Field Lumens:	21694.4 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





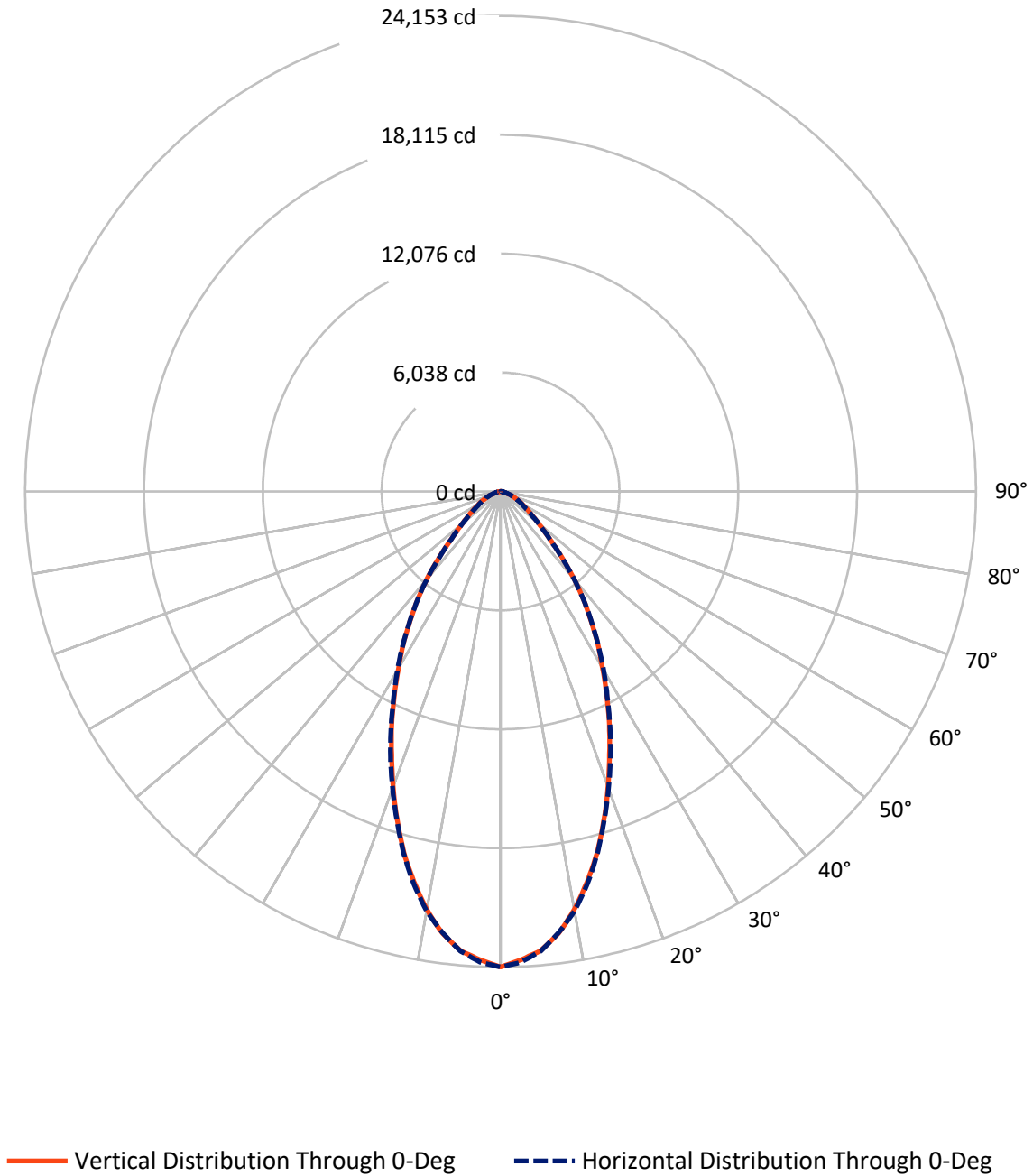
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Lumen Table

90															90				
80	0.9	6.8		15.5		25.7		22.0		25.7		15.5		6.8		0.9			
70															70				
60	3.2	3.7	7.0	11.3	16.4	21.3	25.0	26.7	26.7	25.0	21.3	16.4	11.3	7.0	3.7	3.2			
		5.3	10.7	18.5	28.3	38.9	48.6	54.1	54.1	48.6	38.9	28.3	18.5	10.7	5.3				
50															50				
40	4.7	6.8	14.7	27.5	46.4	71.4	98.4	116.4	116.4	98.4	71.4	46.4	27.5	14.7	6.8	4.7			
		8.2	19.3	40.0	77.9	138.3	201.0	238.4	238.4	201.0	138.3	77.9	40.0	19.3	8.2				
30															30				
20	5.6	9.6	24.0	56.0	126.0	226.4	324.0	387.2	387.2	324.0	226.4	126.0	56.0	24.0	9.6	5.6			
		10.7	28.2	72.7	171.9	305.7	451.4	555.3	555.3	451.4	305.7	171.9	72.7	28.2	10.7				
10															10				
0	5.8	11.2	30.5	83.4	197.9	355.4	540.9	680.2	680.2	540.9	355.4	197.9	83.4	30.5	11.2	5.8			
		11.2	30.5	83.4	197.9	355.4	540.9	680.2	680.2	540.9	355.4	197.9	83.4	30.5	11.2				
-10															-10				
-20	5.6	10.7	28.2	72.7	171.9	305.7	451.4	555.3	555.3	451.4	305.7	171.9	72.7	28.2	10.7	5.6			
		9.6	24.0	56.0	126.0	226.4	324.0	387.2	387.2	324.0	226.4	126.0	56.0	24.0	9.6				
-30															-30				
-40	4.7	8.2	19.3	40.0	77.9	138.3	201.0	238.4	238.4	201.0	138.3	77.9	40.0	19.3	8.2	4.7			
		6.8	14.7	27.5	46.4	71.4	98.4	116.4	116.4	98.4	71.4	46.4	27.5	14.7	6.8				
-50															-50				
-60	3.2	5.3	10.7	18.5	28.3	38.9	48.6	54.1	54.1	48.6	38.9	28.3	18.5	10.7	5.3	3.2			
		3.7	7.0	11.3	16.4	21.3	25.0	26.7	26.7	25.0	21.3	16.4	11.3	7.0	3.7				
-70															-70				
-80	0.9	6.8		15.5		25.7		22.0		25.7		15.5		6.8		0.9			
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

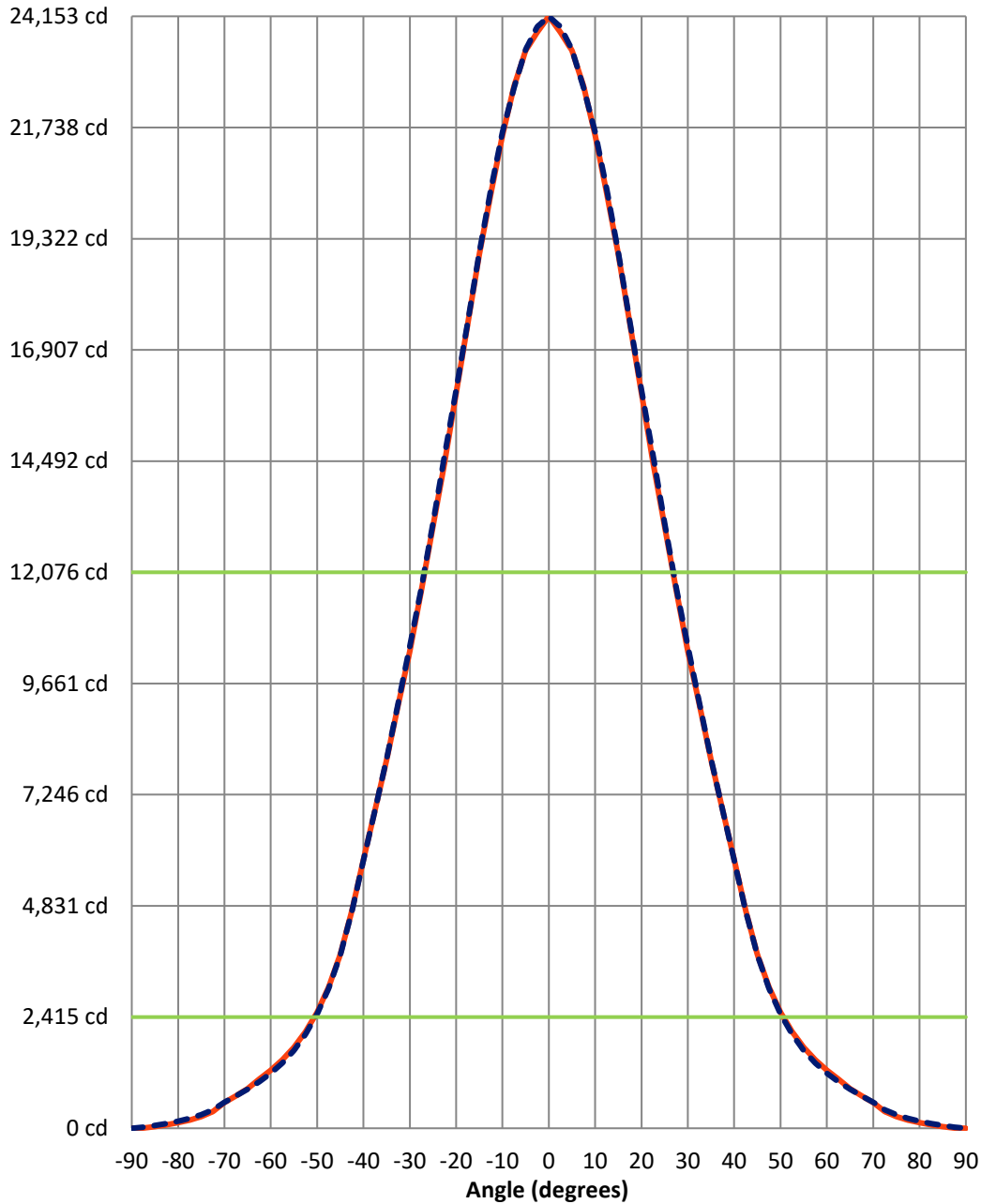
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 53.8°
V Angle: 53.6°
Lumens: 11753.6
Efficiency: 47.8%

Field:
H Angle: 100.8°
V Angle: 101.2°
Lumens: 21694.4
Efficiency: 88.3%

Spill:
Lumens: 2887.5
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	1.2	2.8	4.6	6.7	9.0	11.5	12.7	13.7	14.5	15.1
85°	0.0	2.5	5.6	9.2	13.3	17.9	22.9	25.4	27.4	29.1	30.3
82.5°	0.0	3.7	8.4	13.8	19.9	26.7	34.3	38.1	42.0	48.7	54.6
80°	0.0	4.9	11.2	18.3	26.4	35.5	46.5	57.8	67.6	76.4	84.2
77.5°	0.0	6.1	13.9	22.8	32.8	46.1	66.4	81.0	93.2	104.1	115.0
75°	0.0	7.2	16.6	27.2	39.8	60.3	85.8	104.2	118.8	133.7	149.6
72.5°	0.0	8.4	19.2	31.5	49.3	74.1	104.5	126.9	144.5	163.5	183.6
70°	0.0	9.5	21.8	36.0	58.4	87.3	122.2	148.3	169.8	192.7	219.8
67.5°	0.0	10.6	24.3	41.6	67.2	99.9	137.6	169.3	194.5	223.0	255.4
65°	0.0	11.7	26.7	46.9	75.6	111.5	152.3	189.9	218.9	252.2	289.2
62.5°	0.0	12.8	29.0	52.0	83.4	122.1	166.1	209.3	242.4	280.2	320.5
60°	0.0	13.8	31.2	56.8	90.8	132.1	179.1	227.8	264.7	307.2	351.0
57.5°	0.0	14.8	33.9	61.2	97.6	141.3	190.8	244.4	287.3	333.3	379.0
55°	0.0	15.7	36.6	65.4	104.0	149.9	201.6	257.6	309.4	358.4	405.9
52.5°	0.0	16.6	39.1	69.1	109.8	157.7	211.5	272.1	330.6	382.3	432.1
50°	0.0	17.5	41.5	72.5	115.1	164.9	220.4	285.6	351.1	405.6	460.9
47.5°	0.0	18.3	43.8	75.7	119.9	171.4	228.8	297.9	371.4	428.3	489.2
45°	0.0	19.0	46.0	78.7	124.0	177.1	238.2	309.0	385.9	452.8	516.5
42.5°	0.0	19.7	48.0	81.5	127.6	182.1	246.5	319.8	399.1	476.4	544.8
40°	0.0	20.4	49.9	84.5	130.9	186.3	253.8	330.4	412.3	498.3	572.2
37.5°	0.0	21.0	51.7	87.5	133.8	189.7	260.1	339.9	426.7	515.6	598.1
35°	0.0	21.6	53.4	90.3	136.1	193.6	265.3	348.4	440.4	534.7	624.7
32.5°	0.0	22.1	54.9	92.8	137.9	197.3	270.0	355.9	453.6	554.1	651.9
30°	0.0	22.5	56.3	95.1	139.2	200.1	275.3	363.1	465.9	573.6	677.5
27.5°	0.0	22.9	57.5	97.2	142.2	202.2	279.7	372.1	478.9	593.2	701.5
25°	0.0	23.3	58.6	98.9	145.0	203.4	283.1	380.2	493.4	612.4	723.9
22.5°	0.0	23.6	59.6	100.5	147.5	205.0	285.5	387.3	507.2	630.1	748.4
20°	0.0	23.8	60.4	101.7	149.7	208.7	286.9	393.2	520.2	645.9	770.4
17.5°	0.0	24.0	61.0	102.7	151.5	211.7	290.1	398.1	532.1	659.9	789.6
15°	0.0	24.1	61.5	103.4	152.9	214.1	293.9	402.7	542.9	672.0	806.2
12.5°	0.0	24.2	61.9	103.9	154.0	215.9	296.7	406.8	552.0	682.0	820.0
10°	0.0	24.3	62.1	104.1	154.7	217.0	298.5	409.1	559.1	690.4	831.2
7.5°	0.0	24.2	62.2	104.0	155.0	217.5	299.2	409.6	564.1	696.9	839.9
5°	0.0	24.2	62.1	103.7	154.9	217.3	298.9	408.4	566.8	701.3	845.7
2.5°	0.0	24.1	61.9	103.2	154.5	216.5	297.6	405.6	567.1	703.5	848.5
0°	0.0	23.9	61.5	102.4	153.6	215.1	295.3	401.2	565.0	703.3	848.4
-2.5°	0.0	24.1	61.9	103.2	154.5	216.5	297.6	405.6	567.1	703.5	848.5
-5°	0.0	24.2	62.1	103.7	154.9	217.3	298.9	408.4	566.8	701.3	845.7
-7.5°	0.0	24.2	62.2	104.0	155.0	217.5	299.2	409.6	564.1	696.9	839.9
-10°	0.0	24.3	62.1	104.1	154.7	217.0	298.5	409.1	559.1	690.4	831.2
-12.5°	0.0	24.2	61.9	103.9	154.0	215.9	296.7	406.8	552.0	682.0	820.0
-15°	0.0	24.1	61.5	103.4	152.9	214.1	293.9	402.7	542.9	672.0	806.2
-17.5°	0.0	24.0	61.0	102.7	151.5	211.7	290.1	398.1	532.1	659.9	789.6
-20°	0.0	23.8	60.4	101.7	149.7	208.7	286.9	393.2	520.2	645.9	770.4

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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	23.6	59.6	100.5	147.5	205.0	285.5	387.3	507.2	630.1	748.4
-25°	0.0	23.3	58.6	98.9	145.0	203.4	283.1	380.2	493.4	612.4	723.9
-27.5°	0.0	22.9	57.5	97.2	142.2	202.2	279.7	372.1	478.9	593.2	701.5
-30°	0.0	22.5	56.3	95.1	139.2	200.1	275.3	363.1	465.9	573.6	677.5
-32.5°	0.0	22.1	54.9	92.8	137.9	197.3	270.0	355.9	453.6	554.1	651.9
-35°	0.0	21.6	53.4	90.3	136.1	193.6	265.3	348.4	440.4	534.7	624.7
-37.5°	0.0	21.0	51.7	87.5	133.8	189.7	260.1	339.9	426.7	515.6	598.1
-40°	0.0	20.4	49.9	84.5	130.9	186.3	253.8	330.4	412.3	498.3	572.2
-42.5°	0.0	19.7	48.0	81.5	127.6	182.1	246.5	319.8	399.1	476.4	544.8
-45°	0.0	19.0	46.0	78.7	124.0	177.1	238.2	309.0	385.9	452.8	516.5
-47.5°	0.0	18.3	43.8	75.7	119.9	171.4	228.8	297.9	371.4	428.3	489.2
-50°	0.0	17.5	41.5	72.5	115.1	164.9	220.4	285.6	351.1	405.6	460.9
-52.5°	0.0	16.6	39.1	69.1	109.8	157.7	211.5	272.1	330.6	382.3	432.1
-55°	0.0	15.7	36.6	65.4	104.0	149.9	201.6	257.6	309.4	358.4	405.9
-57.5°	0.0	14.8	33.9	61.2	97.6	141.3	190.8	244.4	287.3	333.3	379.0
-60°	0.0	13.8	31.2	56.8	90.8	132.1	179.1	227.8	264.7	307.2	351.0
-62.5°	0.0	12.8	29.0	52.0	83.4	122.1	166.1	209.3	242.4	280.2	320.5
-65°	0.0	11.7	26.7	46.9	75.6	111.5	152.3	189.9	218.9	252.2	289.2
-67.5°	0.0	10.6	24.3	41.6	67.2	99.9	137.6	169.3	194.5	223.0	255.4
-70°	0.0	9.5	21.8	36.0	58.4	87.3	122.2	148.3	169.8	192.7	219.8
-72.5°	0.0	8.4	19.2	31.5	49.3	74.1	104.5	126.9	144.5	163.5	183.6
-75°	0.0	7.2	16.6	27.2	39.8	60.3	85.8	104.2	118.8	133.7	149.6
-77.5°	0.0	6.1	13.9	22.8	32.8	46.1	66.4	81.0	93.2	104.1	115.0
-80°	0.0	4.9	11.2	18.3	26.4	35.5	46.5	57.8	67.6	76.4	84.2
-82.5°	0.0	3.7	8.4	13.8	19.9	26.7	34.3	38.1	42.0	48.7	54.6
-85°	0.0	2.5	5.6	9.2	13.3	17.9	22.9	25.4	27.4	29.1	30.3
-87.5°	0.0	1.2	2.8	4.6	6.7	9.0	11.5	12.7	13.7	14.5	15.1
-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°	15.4	15.4	15.1	14.7	14.0	13.2	12.1	10.9	11.4	11.8	12.2
85°	30.8	30.8	33.3	35.7	36.8	37.0	36.2	34.7	39.2	44.3	49.8
82.5°	60.1	65.3	70.2	74.9	75.4	74.2	71.9	69.2	78.3	89.4	100.9
80°	92.1	99.8	108.7	116.9	118.9	118.1	115.5	111.3	123.3	140.3	158.7
77.5°	127.8	140.0	151.4	161.9	164.9	164.4	162.5	159.2	174.5	198.1	222.6
75°	165.5	180.3	195.0	207.8	213.3	213.7	213.1	216.8	236.9	264.5	288.8
72.5°	204.8	223.6	240.1	254.3	263.1	269.9	278.8	289.8	310.1	337.2	361.1
70°	246.3	267.2	284.6	300.3	313.9	328.6	347.5	366.3	387.7	414.8	439.6
67.5°	287.3	308.5	328.1	347.5	372.1	395.8	419.3	443.8	470.8	499.2	524.3
65°	325.3	349.2	373.2	401.2	433.3	460.1	489.1	521.0	556.4	588.4	617.5
62.5°	361.7	388.7	418.4	452.3	487.0	520.6	559.5	600.4	641.8	681.9	721.7
60°	392.5	426.1	462.1	500.4	540.5	586.1	631.7	680.4	729.9	778.2	827.4
57.5°	422.1	463.6	505.2	549.8	599.7	651.9	706.6	761.5	820.6	879.1	935.0
55°	452.8	501.8	549.0	601.8	659.1	720.4	782.2	848.7	914.0	987.6	1055.6
52.5°	485.6	538.9	594.4	654.9	721.7	790.8	863.4	939.6	1020.9	1102.7	1185.7
50°	517.6	577.7	639.5	711.8	786.6	865.6	949.3	1038.1	1132.8	1227.4	1327.8
47.5°	551.1	615.2	690.7	769.2	854.9	944.8	1039.6	1145.2	1250.4	1369.6	1484.8
45°	584.1	657.8	739.7	831.0	925.1	1026.3	1139.1	1255.1	1389.3	1524.0	1675.3
42.5°	615.8	700.8	793.2	890.8	997.9	1114.2	1239.0	1384.8	1536.2	1702.9	1880.5
40°	652.2	741.9	846.0	955.1	1071.1	1204.1	1354.2	1516.1	1700.8	1898.3	2100.0
37.5°	687.5	788.2	898.0	1016.3	1151.0	1300.8	1466.5	1665.0	1878.1	2102.6	2377.1
35°	720.6	832.3	951.7	1081.2	1227.1	1400.6	1598.9	1818.2	2063.8	2353.3	2673.6
32.5°	755.8	874.1	1002.2	1147.7	1312.7	1502.3	1727.5	1985.7	2276.3	2606.0	3006.7
30°	791.2	917.1	1052.5	1209.9	1393.5	1612.9	1868.8	2154.1	2488.4	2902.0	3372.4
27.5°	824.0	957.2	1105.6	1275.7	1472.0	1714.8	2004.6	2339.0	2732.8	3200.2	3749.6
25°	854.1	993.8	1154.4	1338.5	1558.7	1825.0	2139.1	2509.4	2977.4	3534.7	4210.6
22.5°	882.8	1027.2	1198.5	1394.9	1636.7	1931.5	2285.1	2708.8	3226.1	3851.6	4662.3
20°	909.7	1063.2	1242.3	1448.9	1706.4	2027.7	2419.3	2895.0	3483.7	4224.1	5105.1
17.5°	933.4	1095.0	1283.7	1507.3	1784.2	2125.5	2545.9	3059.4	3712.9	4556.7	5513.7
15°	953.7	1122.4	1319.6	1557.9	1854.1	2222.7	2678.7	3239.6	3952.0	4859.3	5872.5
12.5°	970.7	1145.3	1349.7	1600.4	1912.9	2304.9	2792.2	3400.2	4184.9	5144.2	6187.5
10°	984.2	1163.7	1374.0	1634.8	1960.4	2371.6	2885.7	3531.6	4378.7	5388.5	6454.0
7.5°	995.4	1178.1	1392.6	1660.8	1996.2	2422.6	2958.5	3633.0	4530.2	5581.9	6658.4
5°	1003.5	1188.4	1406.7	1679.1	2022.5	2458.1	3009.4	3703.9	4638.0	5722.0	6798.2
2.5°	1008.0	1194.0	1414.8	1688.8	2038.7	2478.2	3036.1	3748.4	4697.2	5802.0	6882.8
0°	1008.9	1194.9	1416.8	1690.0	2043.3	2482.0	3040.2	3762.3	4709.7	5822.7	6913.5
-2.5°	1008.0	1194.0	1414.8	1688.8	2038.7	2478.2	3036.1	3748.4	4697.2	5802.0	6882.8
-5°	1003.5	1188.4	1406.7	1679.1	2022.5	2458.1	3009.4	3703.9	4638.0	5722.0	6798.2
-7.5°	995.4	1178.1	1392.6	1660.8	1996.2	2422.6	2958.5	3633.0	4530.2	5581.9	6658.4
-10°	984.2	1163.7	1374.0	1634.8	1960.4	2371.6	2885.7	3531.6	4378.7	5388.5	6454.0
-12.5°	970.7	1145.3	1349.7	1600.4	1912.9	2304.9	2792.2	3400.2	4184.9	5144.2	6187.5
-15°	953.7	1122.4	1319.6	1557.9	1854.1	2222.7	2678.7	3239.6	3952.0	4859.3	5872.5
-17.5°	933.4	1095.0	1283.7	1507.3	1784.2	2125.5	2545.9	3059.4	3712.9	4556.7	5513.7
-20°	909.7	1063.2	1242.3	1448.9	1706.4	2027.7	2419.3	2895.0	3483.7	4224.1	5105.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	882.8	1027.2	1198.5	1394.9	1636.7	1931.5	2285.1	2708.8	3226.1	3851.6	4662.3
-25°	854.1	993.8	1154.4	1338.5	1558.7	1825.0	2139.1	2509.4	2977.4	3534.7	4210.6
-27.5°	824.0	957.2	1105.6	1275.7	1472.0	1714.8	2004.6	2339.0	2732.8	3200.2	3749.6
-30°	791.2	917.1	1052.5	1209.9	1393.5	1612.9	1868.8	2154.1	2488.4	2902.0	3372.4
-32.5°	755.8	874.1	1002.2	1147.7	1312.7	1502.3	1727.5	1985.7	2276.3	2606.0	3006.7
-35°	720.6	832.3	951.7	1081.2	1227.1	1400.6	1598.9	1818.2	2063.8	2353.3	2673.6
-37.5°	687.5	788.2	898.0	1016.3	1151.0	1300.8	1466.5	1665.0	1878.1	2102.6	2377.1
-40°	652.2	741.9	846.0	955.1	1071.1	1204.1	1354.2	1516.1	1700.8	1898.3	2100.0
-42.5°	615.8	700.8	793.2	890.8	997.9	1114.2	1239.0	1384.8	1536.2	1702.9	1880.5
-45°	584.1	657.8	739.7	831.0	925.1	1026.3	1139.1	1255.1	1389.3	1524.0	1675.3
-47.5°	551.1	615.2	690.7	769.2	854.9	944.8	1039.6	1145.2	1250.4	1369.6	1484.8
-50°	517.6	577.7	639.5	711.8	786.6	865.6	949.3	1038.1	1132.8	1227.4	1327.8
-52.5°	485.6	538.9	594.4	654.9	721.7	790.8	863.4	939.6	1020.9	1102.7	1185.7
-55°	452.8	501.8	549.0	601.8	659.1	720.4	782.2	848.7	914.0	987.6	1055.6
-57.5°	422.1	463.6	505.2	549.8	599.7	651.9	706.6	761.5	820.6	879.1	935.0
-60°	392.5	426.1	462.1	500.4	540.5	586.1	631.7	680.4	729.9	778.2	827.4
-62.5°	361.7	388.7	418.4	452.3	487.0	520.6	559.5	600.4	641.8	681.9	721.7
-65°	325.3	349.2	373.2	401.2	433.3	460.1	489.1	521.0	556.4	588.4	617.5
-67.5°	287.3	308.5	328.1	347.5	372.1	395.8	419.3	443.8	470.8	499.2	524.3
-70°	246.3	267.2	284.6	300.3	313.9	328.6	347.5	366.3	387.7	414.8	439.6
-72.5°	204.8	223.6	240.1	254.3	263.1	269.9	278.8	289.8	310.1	337.2	361.1
-75°	165.5	180.3	195.0	207.8	213.3	213.7	213.1	216.8	236.9	264.5	288.8
-77.5°	127.8	140.0	151.4	161.9	164.9	164.4	162.5	159.2	174.5	198.1	222.6
-80°	92.1	99.8	108.7	116.9	118.9	118.1	115.5	111.3	123.3	140.3	158.7
-82.5°	60.1	65.3	70.2	74.9	75.4	74.2	71.9	69.2	78.3	89.4	100.9
-85°	30.8	30.8	33.3	35.7	36.8	37.0	36.2	34.7	39.2	44.3	49.8
-87.5°	15.4	15.4	15.1	14.7	14.0	13.2	12.1	10.9	11.4	11.8	12.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-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°	12.6	12.3	11.8	11.3	10.8	10.6	10.4	10.1	9.9	9.1	8.4
85°	55.5	56.8	57.4	57.8	57.8	59.6	61.4	62.9	64.3	58.3	51.7
82.5°	112.9	118.2	122.8	127.4	132.0	135.1	137.5	139.2	140.4	127.0	112.1
80°	177.7	188.8	198.0	206.8	215.2	217.3	217.3	216.1	213.8	195.6	175.0
77.5°	247.1	261.7	273.2	284.7	296.0	300.1	302.1	303.7	304.7	282.2	254.5
75°	310.1	327.4	343.7	358.7	372.5	379.9	384.2	387.8	390.5	367.9	338.2
72.5°	381.9	400.3	417.8	434.5	449.1	458.9	465.2	470.5	474.6	461.7	443.1
70°	460.9	479.9	498.4	515.7	532.4	545.4	555.7	564.6	572.0	573.4	572.8
67.5°	548.6	571.0	593.0	611.9	631.6	650.1	666.4	679.9	690.7	697.8	701.8
65°	647.0	680.8	710.8	736.3	757.7	782.3	804.1	820.7	832.4	841.3	848.9
62.5°	762.9	803.9	838.3	872.3	907.3	941.4	962.7	984.1	1004.9	1024.7	1041.5
60°	874.6	919.5	966.0	1009.4	1049.6	1086.5	1124.8	1158.6	1188.3	1213.0	1231.5
57.5°	993.6	1048.2	1101.1	1156.2	1208.1	1256.4	1303.6	1347.2	1384.9	1416.5	1442.4
55°	1122.7	1189.5	1252.4	1322.3	1390.1	1451.9	1508.8	1567.2	1619.7	1665.9	1702.7
52.5°	1261.8	1348.7	1432.1	1514.2	1602.0	1681.3	1752.3	1833.2	1904.8	1964.1	2010.3
50°	1428.1	1530.2	1640.2	1741.9	1852.7	1961.9	2062.5	2159.9	2255.2	2337.7	2404.4
47.5°	1617.3	1743.0	1879.2	2014.1	2151.7	2300.9	2434.0	2557.7	2690.9	2806.7	2899.5
45°	1827.6	1987.9	2152.5	2342.0	2516.8	2708.4	2885.8	3045.1	3234.1	3400.6	3534.7
42.5°	2061.0	2274.5	2490.9	2729.7	2961.4	3204.8	3463.2	3692.5	3943.2	4182.2	4375.3
40°	2350.3	2605.4	2895.2	3184.3	3517.0	3829.5	4206.0	4548.1	4858.9	5143.9	5377.4
37.5°	2671.7	3000.2	3364.2	3740.8	4196.0	4642.1	5082.9	5499.0	5866.3	6178.2	6439.9
35°	3036.6	3454.0	3895.0	4444.7	4978.0	5512.4	6010.2	6464.9	6864.5	7216.4	7515.7
32.5°	3456.3	3957.2	4574.6	5192.2	5800.5	6388.9	6935.4	7431.4	7869.6	8264.7	8608.8
30°	3897.6	4581.1	5274.0	5951.5	6616.0	7260.4	7860.2	8406.5	8901.7	9341.5	9738.0
27.5°	4458.4	5215.8	5971.4	6701.8	7432.8	8138.0	8788.1	9395.0	9963.1	10460.3	10913.4
25°	5000.8	5837.6	6640.8	7437.1	8232.8	8990.0	9716.9	10402.4	11053.1	11623.7	12129.6
22.5°	5543.1	6419.0	7277.3	8133.5	8988.2	9832.4	10648.5	11433.9	12161.6	12811.3	13380.8
20°	6045.4	6961.0	7878.8	8801.9	9728.4	10652.4	11569.1	12452.9	13263.6	14013.7	14672.8
17.5°	6495.7	7469.5	8442.5	9429.9	10434.2	11437.4	12455.7	13446.5	14373.3	15226.8	15991.5
15°	6894.5	7910.6	8955.7	10021.1	11099.6	12189.1	13300.2	14408.8	15452.1	16421.5	17275.1
12.5°	7243.2	8299.5	9394.9	10527.0	11697.5	12884.4	14097.0	15312.2	16467.1	17586.3	18508.1
10°	7530.9	8630.3	9775.2	10964.7	12199.1	13476.6	14777.5	16085.6	17358.0	18545.2	19599.3
7.5°	7753.1	8893.7	10073.4	11310.6	12605.6	13952.8	15330.9	16719.0	18076.9	19356.1	20522.5
5°	7909.8	9085.4	10280.0	11566.9	12906.9	14302.9	15735.3	17181.8	18601.3	19946.4	21155.1
2.5°	8000.8	9200.5	10400.2	11722.6	13086.1	14514.8	15986.0	17456.3	18913.3	20308.3	21550.5
0°	8024.7	9235.0	10469.2	11739.2	13142.4	14613.9	16032.4	17507.3	19021.4	20397.3	21634.9
-2.5°	8000.8	9200.5	10400.2	11722.6	13086.1	14514.8	15986.0	17456.3	18913.3	20308.3	21550.5
-5°	7909.8	9085.4	10280.0	11566.9	12906.9	14302.9	15735.3	17181.8	18601.3	19946.4	21155.1
-7.5°	7753.1	8893.7	10073.4	11310.6	12605.6	13952.8	15330.9	16719.0	18076.9	19356.1	20522.5
-10°	7530.9	8630.3	9775.2	10964.7	12199.1	13476.6	14777.5	16085.6	17358.0	18545.2	19599.3
-12.5°	7243.2	8299.5	9394.9	10527.0	11697.5	12884.4	14097.0	15312.2	16467.1	17586.3	18508.1
-15°	6894.5	7910.6	8955.7	10021.1	11099.6	12189.1	13300.2	14408.8	15452.1	16421.5	17275.1
-17.5°	6495.7	7469.5	8442.5	9429.9	10434.2	11437.4	12455.7	13446.5	14373.3	15226.8	15991.5
-20°	6045.4	6961.0	7878.8	8801.9	9728.4	10652.4	11569.1	12452.9	13263.6	14013.7	14672.8

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5543.1	6419.0	7277.3	8133.5	8988.2	9832.4	10648.5	11433.9	12161.6	12811.3	13380.8
-25°	5000.8	5837.6	6640.8	7437.1	8232.8	8990.0	9716.9	10402.4	11053.1	11623.7	12129.6
-27.5°	4458.4	5215.8	5971.4	6701.8	7432.8	8138.0	8788.1	9395.0	9963.1	10460.3	10913.4
-30°	3897.6	4581.1	5274.0	5951.5	6616.0	7260.4	7860.2	8406.5	8901.7	9341.5	9738.0
-32.5°	3456.3	3957.2	4574.6	5192.2	5800.5	6388.9	6935.4	7431.4	7869.6	8264.7	8608.8
-35°	3036.6	3454.0	3895.0	4444.7	4978.0	5512.4	6010.2	6464.9	6864.5	7216.4	7515.7
-37.5°	2671.7	3000.2	3364.2	3740.8	4196.0	4642.1	5082.9	5499.0	5866.3	6178.2	6439.9
-40°	2350.3	2605.4	2895.2	3184.3	3517.0	3829.5	4206.0	4548.1	4858.9	5143.9	5377.4
-42.5°	2061.0	2274.5	2490.9	2729.7	2961.4	3204.8	3463.2	3692.5	3943.2	4182.2	4375.3
-45°	1827.6	1987.9	2152.5	2342.0	2516.8	2708.4	2885.8	3045.1	3234.1	3400.6	3534.7
-47.5°	1617.3	1743.0	1879.2	2014.1	2151.7	2300.9	2434.0	2557.7	2690.9	2806.7	2899.5
-50°	1428.1	1530.2	1640.2	1741.9	1852.7	1961.9	2062.5	2159.9	2255.2	2337.7	2404.4
-52.5°	1261.8	1348.7	1432.1	1514.2	1602.0	1681.3	1752.3	1833.2	1904.8	1964.1	2010.3
-55°	1122.7	1189.5	1252.4	1322.3	1390.1	1451.9	1508.8	1567.2	1619.7	1665.9	1702.7
-57.5°	993.6	1048.2	1101.1	1156.2	1208.1	1256.4	1303.6	1347.2	1384.9	1416.5	1442.4
-60°	874.6	919.5	966.0	1009.4	1049.6	1086.5	1124.8	1158.6	1188.3	1213.0	1231.5
-62.5°	762.9	803.9	838.3	872.3	907.3	941.4	962.7	984.1	1004.9	1024.7	1041.5
-65°	647.0	680.8	710.8	736.3	757.7	782.3	804.1	820.7	832.4	841.3	848.9
-67.5°	548.6	571.0	593.0	611.9	631.6	650.1	666.4	679.9	690.7	697.8	701.8
-70°	460.9	479.9	498.4	515.7	532.4	545.4	555.7	564.6	572.0	573.4	572.8
-72.5°	381.9	400.3	417.8	434.5	449.1	458.9	465.2	470.5	474.6	461.7	443.1
-75°	310.1	327.4	343.7	358.7	372.5	379.9	384.2	387.8	390.5	367.9	338.2
-77.5°	247.1	261.7	273.2	284.7	296.0	300.1	302.1	303.7	304.7	282.2	254.5
-80°	177.7	188.8	198.0	206.8	215.2	217.3	217.3	216.1	213.8	195.6	175.0
-82.5°	112.9	118.2	122.8	127.4	132.0	135.1	137.5	139.2	140.4	127.0	112.1
-85°	55.5	56.8	57.4	57.8	57.8	59.6	61.4	62.9	64.3	58.3	51.7
-87.5°	12.6	12.3	11.8	11.3	10.8	10.6	10.4	10.1	9.9	9.1	8.4
-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: P627593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	7.6	6.8	5.9	5.1	5.9	6.8	7.6	8.4	9.1	9.9	10.1
85°	44.7	37.4	36.6	35.8	36.6	37.4	44.7	51.7	58.3	64.3	62.9
82.5°	96.4	80.0	77.6	75.1	77.6	80.0	96.4	112.1	127.0	140.4	139.2
80°	153.5	131.3	127.0	122.9	127.0	131.3	153.5	175.0	195.6	213.8	216.1
77.5°	225.3	194.9	186.0	177.5	186.0	194.9	225.3	254.5	282.2	304.7	303.7
75°	307.3	275.3	264.5	254.3	264.5	275.3	307.3	338.2	367.9	390.5	387.8
72.5°	424.3	404.9	385.2	363.6	385.2	404.9	424.3	443.1	461.7	474.6	470.5
70°	572.2	570.8	565.9	558.2	565.9	570.8	572.2	572.8	573.4	572.0	564.6
67.5°	703.5	702.9	704.7	705.0	704.7	702.9	703.5	701.8	697.8	690.7	679.9
65°	853.6	855.2	858.7	860.3	858.7	855.2	853.6	848.9	841.3	832.4	820.7
62.5°	1054.4	1063.1	1067.4	1066.9	1067.4	1063.1	1054.4	1041.5	1024.7	1004.9	984.1
60°	1245.3	1254.4	1260.1	1261.5	1260.1	1254.4	1245.3	1231.5	1213.0	1188.3	1158.6
57.5°	1463.0	1477.8	1485.7	1486.8	1485.7	1477.8	1463.0	1442.4	1416.5	1384.9	1347.2
55°	1730.8	1750.5	1759.3	1758.2	1759.3	1750.5	1730.8	1702.7	1665.9	1619.7	1567.2
52.5°	2045.2	2069.1	2087.0	2097.9	2087.0	2069.1	2045.2	2010.3	1964.1	1904.8	1833.2
50°	2454.5	2488.8	2510.7	2519.6	2510.7	2488.8	2454.5	2404.4	2337.7	2255.2	2159.9
47.5°	2966.6	3012.1	3045.8	3069.2	3045.8	3012.1	2966.6	2899.5	2806.7	2690.9	2557.7
45°	3633.7	3703.1	3750.1	3777.7	3750.1	3703.1	3633.7	3534.7	3400.6	3234.1	3045.1
42.5°	4526.1	4633.8	4699.7	4725.1	4699.7	4633.8	4526.1	4375.3	4182.2	3943.2	3692.5
40°	5561.9	5691.2	5776.0	5834.6	5776.0	5691.2	5561.9	5377.4	5143.9	4858.9	4548.1
37.5°	6640.7	6776.5	6859.1	6915.2	6859.1	6776.5	6640.7	6439.9	6178.2	5866.3	5499.0
35°	7741.2	7883.4	7960.9	8004.3	7960.9	7883.4	7741.2	7515.7	7216.4	6864.5	6464.9
32.5°	8871.1	9027.8	9112.1	9199.2	9112.1	9027.8	8871.1	8608.8	8264.7	7869.6	7431.4
30°	10051.2	10231.0	10319.2	10361.7	10319.2	10231.0	10051.2	9738.0	9341.5	8901.7	8406.5
27.5°	11279.1	11503.2	11613.6	11686.3	11613.6	11503.2	11279.1	10913.4	10460.3	9963.1	9395.0
25°	12556.8	12834.5	12961.0	13074.1	12961.0	12834.5	12556.8	12129.6	11623.7	11053.1	10402.4
22.5°	13882.5	14228.3	14374.7	14455.1	14374.7	14228.3	13882.5	13380.8	12811.3	12161.6	11433.9
20°	15242.8	15656.0	15859.4	15964.1	15859.4	15656.0	15242.8	14672.8	14013.7	13263.6	12452.9
17.5°	16633.8	17147.8	17411.0	17471.5	17411.0	17147.8	16633.8	15991.5	15226.8	14373.3	13446.5
15°	17999.3	18555.2	18866.5	18980.5	18866.5	18555.2	17999.3	17275.1	16421.5	15452.1	14408.8
12.5°	19292.5	19868.7	20240.6	20306.8	20240.6	19868.7	19292.5	18508.1	17586.3	16467.1	15312.2
10°	20465.4	21062.3	21473.0	21566.6	21473.0	21062.3	20465.4	19599.3	18545.2	17358.0	16085.6
7.5°	21445.8	22100.8	22554.5	22633.5	22554.5	22100.8	21445.8	20522.5	19356.1	18076.9	16719.0
5°	22163.3	22940.8	23313.3	23406.8	23313.3	22940.8	22163.3	21155.1	19946.4	18601.3	17181.8
2.5°	22556.8	23348.4	23866.1	23806.2	23866.1	23348.4	22556.8	21550.5	20308.3	18913.3	17456.3
0°	22601.1	23429.0	23924.0	24152.8	23924.0	23429.0	22601.1	21634.9	20397.3	19021.4	17507.3
-2.5°	22556.8	23348.4	23866.1	23806.2	23866.1	23348.4	22556.8	21550.5	20308.3	18913.3	17456.3
-5°	22163.3	22940.8	23313.3	23406.8	23313.3	22940.8	22163.3	21155.1	19946.4	18601.3	17181.8
-7.5°	21445.8	22100.8	22554.5	22633.5	22554.5	22100.8	21445.8	20522.5	19356.1	18076.9	16719.0
-10°	20465.4	21062.3	21473.0	21566.6	21473.0	21062.3	20465.4	19599.3	18545.2	17358.0	16085.6
-12.5°	19292.5	19868.7	20240.6	20306.8	20240.6	19868.7	19292.5	18508.1	17586.3	16467.1	15312.2
-15°	17999.3	18555.2	18866.5	18980.5	18866.5	18555.2	17999.3	17275.1	16421.5	15452.1	14408.8
-17.5°	16633.8	17147.8	17411.0	17471.5	17411.0	17147.8	16633.8	15991.5	15226.8	14373.3	13446.5
-20°	15242.8	15656.0	15859.4	15964.1	15859.4	15656.0	15242.8	14672.8	14013.7	13263.6	12452.9



REPORT NUMBER: P627593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	13882.5	14228.3	14374.7	14455.1	14374.7	14228.3	13882.5	13380.8	12811.3	12161.6	11433.9
-25°	12556.8	12834.5	12961.0	13074.1	12961.0	12834.5	12556.8	12129.6	11623.7	11053.1	10402.4
-27.5°	11279.1	11503.2	11613.6	11686.3	11613.6	11503.2	11279.1	10913.4	10460.3	9963.1	9395.0
-30°	10051.2	10231.0	10319.2	10361.7	10319.2	10231.0	10051.2	9738.0	9341.5	8901.7	8406.5
-32.5°	8871.1	9027.8	9112.1	9199.2	9112.1	9027.8	8871.1	8608.8	8264.7	7869.6	7431.4
-35°	7741.2	7883.4	7960.9	8004.3	7960.9	7883.4	7741.2	7515.7	7216.4	6864.5	6464.9
-37.5°	6640.7	6776.5	6859.1	6915.2	6859.1	6776.5	6640.7	6439.9	6178.2	5866.3	5499.0
-40°	5561.9	5691.2	5776.0	5834.6	5776.0	5691.2	5561.9	5377.4	5143.9	4858.9	4548.1
-42.5°	4526.1	4633.8	4699.7	4725.1	4699.7	4633.8	4526.1	4375.3	4182.2	3943.2	3692.5
-45°	3633.7	3703.1	3750.1	3777.7	3750.1	3703.1	3633.7	3534.7	3400.6	3234.1	3045.1
-47.5°	2966.6	3012.1	3045.8	3069.2	3045.8	3012.1	2966.6	2899.5	2806.7	2690.9	2557.7
-50°	2454.5	2488.8	2510.7	2519.6	2510.7	2488.8	2454.5	2404.4	2337.7	2255.2	2159.9
-52.5°	2045.2	2069.1	2087.0	2097.9	2087.0	2069.1	2045.2	2010.3	1964.1	1904.8	1833.2
-55°	1730.8	1750.5	1759.3	1758.2	1759.3	1750.5	1730.8	1702.7	1665.9	1619.7	1567.2
-57.5°	1463.0	1477.8	1485.7	1486.8	1485.7	1477.8	1463.0	1442.4	1416.5	1384.9	1347.2
-60°	1245.3	1254.4	1260.1	1261.5	1260.1	1254.4	1245.3	1231.5	1213.0	1188.3	1158.6
-62.5°	1054.4	1063.1	1067.4	1066.9	1067.4	1063.1	1054.4	1041.5	1024.7	1004.9	984.1
-65°	853.6	855.2	858.7	860.3	858.7	855.2	853.6	848.9	841.3	832.4	820.7
-67.5°	703.5	702.9	704.7	705.0	704.7	702.9	703.5	701.8	697.8	690.7	679.9
-70°	572.2	570.8	565.9	558.2	565.9	570.8	572.2	572.8	573.4	572.0	564.6
-72.5°	424.3	404.9	385.2	363.6	385.2	404.9	424.3	443.1	461.7	474.6	470.5
-75°	307.3	275.3	264.5	254.3	264.5	275.3	307.3	338.2	367.9	390.5	387.8
-77.5°	225.3	194.9	186.0	177.5	186.0	194.9	225.3	254.5	282.2	304.7	303.7
-80°	153.5	131.3	127.0	122.9	127.0	131.3	153.5	175.0	195.6	213.8	216.1
-82.5°	96.4	80.0	77.6	75.1	77.6	80.0	96.4	112.1	127.0	140.4	139.2
-85°	44.7	37.4	36.6	35.8	36.6	37.4	44.7	51.7	58.3	64.3	62.9
-87.5°	7.6	6.8	5.9	5.1	5.9	6.8	7.6	8.4	9.1	9.9	10.1
-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: P627593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	10.4	10.6	10.8	11.3	11.8	12.3	12.6	12.2	11.8	11.4	10.9
85°	61.4	59.6	57.8	57.8	57.4	56.8	55.5	49.8	44.3	39.2	34.7
82.5°	137.5	135.1	132.0	127.4	122.8	118.2	112.9	100.9	89.4	78.3	69.2
80°	217.3	217.3	215.2	206.8	198.0	188.8	177.7	158.7	140.3	123.3	111.3
77.5°	302.1	300.1	296.0	284.7	273.2	261.7	247.1	222.6	198.1	174.5	159.2
75°	384.2	379.9	372.5	358.7	343.7	327.4	310.1	288.8	264.5	236.9	216.8
72.5°	465.2	458.9	449.1	434.5	417.8	400.3	381.9	361.1	337.2	310.1	289.8
70°	555.7	545.4	532.4	515.7	498.4	479.9	460.9	439.6	414.8	387.7	366.3
67.5°	666.4	650.1	631.6	611.9	593.0	571.0	548.6	524.3	499.2	470.8	443.8
65°	804.1	782.3	757.7	736.3	710.8	680.8	647.0	617.5	588.4	556.4	521.0
62.5°	962.7	941.4	907.3	872.3	838.3	803.9	762.9	721.7	681.9	641.8	600.4
60°	1124.8	1086.5	1049.6	1009.4	966.0	919.5	874.6	827.4	778.2	729.9	680.4
57.5°	1303.6	1256.4	1208.1	1156.2	1101.1	1048.2	993.6	935.0	879.1	820.6	761.5
55°	1508.8	1451.9	1390.1	1322.3	1252.4	1189.5	1122.7	1055.6	987.6	914.0	848.7
52.5°	1752.3	1681.3	1602.0	1514.2	1432.1	1348.7	1261.8	1185.7	1102.7	1020.9	939.6
50°	2062.5	1961.9	1852.7	1741.9	1640.2	1530.2	1428.1	1327.8	1227.4	1132.8	1038.1
47.5°	2434.0	2300.9	2151.7	2014.1	1879.2	1743.0	1617.3	1484.8	1369.6	1250.4	1145.2
45°	2885.8	2708.4	2516.8	2342.0	2152.5	1987.9	1827.6	1675.3	1524.0	1389.3	1255.1
42.5°	3463.2	3204.8	2961.4	2729.7	2490.9	2274.5	2061.0	1880.5	1702.9	1536.2	1384.8
40°	4206.0	3829.5	3517.0	3184.3	2895.2	2605.4	2350.3	2100.0	1898.3	1700.8	1516.1
37.5°	5082.9	4642.1	4196.0	3740.8	3364.2	3000.2	2671.7	2377.1	2102.6	1878.1	1665.0
35°	6010.2	5512.4	4978.0	4444.7	3895.0	3454.0	3036.6	2673.6	2353.3	2063.8	1818.2
32.5°	6935.4	6388.9	5800.5	5192.2	4574.6	3957.2	3456.3	3006.7	2606.0	2276.3	1985.7
30°	7860.2	7260.4	6616.0	5951.5	5274.0	4581.1	3897.6	3372.4	2902.0	2488.4	2154.1
27.5°	8788.1	8138.0	7432.8	6701.8	5971.4	5215.8	4458.4	3749.6	3200.2	2732.8	2339.0
25°	9716.9	8990.0	8232.8	7437.1	6640.8	5837.6	5000.8	4210.6	3534.7	2977.4	2509.4
22.5°	10648.5	9832.4	8988.2	8133.5	7277.3	6419.0	5543.1	4662.3	3851.6	3226.1	2708.8
20°	11569.1	10652.4	9728.4	8801.9	7878.8	6961.0	6045.4	5105.1	4224.1	3483.7	2895.0
17.5°	12455.7	11437.4	10434.2	9429.9	8442.5	7469.5	6495.7	5513.7	4556.7	3712.9	3059.4
15°	13300.2	12189.1	11099.6	10021.1	8955.7	7910.6	6894.5	5872.5	4859.3	3952.0	3239.6
12.5°	14097.0	12884.4	11697.5	10527.0	9394.9	8299.5	7243.2	6187.5	5144.2	4184.9	3400.2
10°	14777.5	13476.6	12199.1	10964.7	9775.2	8630.3	7530.9	6454.0	5388.5	4378.7	3531.6
7.5°	15330.9	13952.8	12605.6	11310.6	10073.4	8893.7	7753.1	6658.4	5581.9	4530.2	3633.0
5°	15735.3	14302.9	12906.9	11566.9	10280.0	9085.4	7909.8	6798.2	5722.0	4638.0	3703.9
2.5°	15986.0	14514.8	13086.1	11722.6	10400.2	9200.5	8000.8	6882.8	5802.0	4697.2	3748.4
0°	16032.4	14613.9	13142.4	11739.2	10469.2	9235.0	8024.7	6913.5	5822.7	4709.7	3762.3
-2.5°	15986.0	14514.8	13086.1	11722.6	10400.2	9200.5	8000.8	6882.8	5802.0	4697.2	3748.4
-5°	15735.3	14302.9	12906.9	11566.9	10280.0	9085.4	7909.8	6798.2	5722.0	4638.0	3703.9
-7.5°	15330.9	13952.8	12605.6	11310.6	10073.4	8893.7	7753.1	6658.4	5581.9	4530.2	3633.0
-10°	14777.5	13476.6	12199.1	10964.7	9775.2	8630.3	7530.9	6454.0	5388.5	4378.7	3531.6
-12.5°	14097.0	12884.4	11697.5	10527.0	9394.9	8299.5	7243.2	6187.5	5144.2	4184.9	3400.2
-15°	13300.2	12189.1	11099.6	10021.1	8955.7	7910.6	6894.5	5872.5	4859.3	3952.0	3239.6
-17.5°	12455.7	11437.4	10434.2	9429.9	8442.5	7469.5	6495.7	5513.7	4556.7	3712.9	3059.4
-20°	11569.1	10652.4	9728.4	8801.9	7878.8	6961.0	6045.4	5105.1	4224.1	3483.7	2895.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10648.5	9832.4	8988.2	8133.5	7277.3	6419.0	5543.1	4662.3	3851.6	3226.1	2708.8
-25°	9716.9	8990.0	8232.8	7437.1	6640.8	5837.6	5000.8	4210.6	3534.7	2977.4	2509.4
-27.5°	8788.1	8138.0	7432.8	6701.8	5971.4	5215.8	4458.4	3749.6	3200.2	2732.8	2339.0
-30°	7860.2	7260.4	6616.0	5951.5	5274.0	4581.1	3897.6	3372.4	2902.0	2488.4	2154.1
-32.5°	6935.4	6388.9	5800.5	5192.2	4574.6	3957.2	3456.3	3006.7	2606.0	2276.3	1985.7
-35°	6010.2	5512.4	4978.0	4444.7	3895.0	3454.0	3036.6	2673.6	2353.3	2063.8	1818.2
-37.5°	5082.9	4642.1	4196.0	3740.8	3364.2	3000.2	2671.7	2377.1	2102.6	1878.1	1665.0
-40°	4206.0	3829.5	3517.0	3184.3	2895.2	2605.4	2350.3	2100.0	1898.3	1700.8	1516.1
-42.5°	3463.2	3204.8	2961.4	2729.7	2490.9	2274.5	2061.0	1880.5	1702.9	1536.2	1384.8
-45°	2885.8	2708.4	2516.8	2342.0	2152.5	1987.9	1827.6	1675.3	1524.0	1389.3	1255.1
-47.5°	2434.0	2300.9	2151.7	2014.1	1879.2	1743.0	1617.3	1484.8	1369.6	1250.4	1145.2
-50°	2062.5	1961.9	1852.7	1741.9	1640.2	1530.2	1428.1	1327.8	1227.4	1132.8	1038.1
-52.5°	1752.3	1681.3	1602.0	1514.2	1432.1	1348.7	1261.8	1185.7	1102.7	1020.9	939.6
-55°	1508.8	1451.9	1390.1	1322.3	1252.4	1189.5	1122.7	1055.6	987.6	914.0	848.7
-57.5°	1303.6	1256.4	1208.1	1156.2	1101.1	1048.2	993.6	935.0	879.1	820.6	761.5
-60°	1124.8	1086.5	1049.6	1009.4	966.0	919.5	874.6	827.4	778.2	729.9	680.4
-62.5°	962.7	941.4	907.3	872.3	838.3	803.9	762.9	721.7	681.9	641.8	600.4
-65°	804.1	782.3	757.7	736.3	710.8	680.8	647.0	617.5	588.4	556.4	521.0
-67.5°	666.4	650.1	631.6	611.9	593.0	571.0	548.6	524.3	499.2	470.8	443.8
-70°	555.7	545.4	532.4	515.7	498.4	479.9	460.9	439.6	414.8	387.7	366.3
-72.5°	465.2	458.9	449.1	434.5	417.8	400.3	381.9	361.1	337.2	310.1	289.8
-75°	384.2	379.9	372.5	358.7	343.7	327.4	310.1	288.8	264.5	236.9	216.8
-77.5°	302.1	300.1	296.0	284.7	273.2	261.7	247.1	222.6	198.1	174.5	159.2
-80°	217.3	217.3	215.2	206.8	198.0	188.8	177.7	158.7	140.3	123.3	111.3
-82.5°	137.5	135.1	132.0	127.4	122.8	118.2	112.9	100.9	89.4	78.3	69.2
-85°	61.4	59.6	57.8	57.8	57.4	56.8	55.5	49.8	44.3	39.2	34.7
-87.5°	10.4	10.6	10.8	11.3	11.8	12.3	12.6	12.2	11.8	11.4	10.9
-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: P627593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	12.1	13.2	14.0	14.7	15.1	15.4	15.4	15.1	14.5	13.7	12.7
85°	36.2	37.0	36.8	35.7	33.3	30.8	30.8	30.3	29.1	27.4	25.4
82.5°	71.9	74.2	75.4	74.9	70.2	65.3	60.1	54.6	48.7	42.0	38.1
80°	115.5	118.1	118.9	116.9	108.7	99.8	92.1	84.2	76.4	67.6	57.8
77.5°	162.5	164.4	164.9	161.9	151.4	140.0	127.8	115.0	104.1	93.2	81.0
75°	213.1	213.7	213.3	207.8	195.0	180.3	165.5	149.6	133.7	118.8	104.2
72.5°	278.8	269.9	263.1	254.3	240.1	223.6	204.8	183.6	163.5	144.5	126.9
70°	347.5	328.6	313.9	300.3	284.6	267.2	246.3	219.8	192.7	169.8	148.3
67.5°	419.3	395.8	372.1	347.5	328.1	308.5	287.3	255.4	223.0	194.5	169.3
65°	489.1	460.1	433.3	401.2	373.2	349.2	325.3	289.2	252.2	218.9	189.9
62.5°	559.5	520.6	487.0	452.3	418.4	388.7	361.7	320.5	280.2	242.4	209.3
60°	631.7	586.1	540.5	500.4	462.1	426.1	392.5	351.0	307.2	264.7	227.8
57.5°	706.6	651.9	599.7	549.8	505.2	463.6	422.1	379.0	333.3	287.3	244.4
55°	782.2	720.4	659.1	601.8	549.0	501.8	452.8	405.9	358.4	309.4	257.6
52.5°	863.4	790.8	721.7	654.9	594.4	538.9	485.6	432.1	382.3	330.6	272.1
50°	949.3	865.6	786.6	711.8	639.5	577.7	517.6	460.9	405.6	351.1	285.6
47.5°	1039.6	944.8	854.9	769.2	690.7	615.2	551.1	489.2	428.3	371.4	297.9
45°	1139.1	1026.3	925.1	831.0	739.7	657.8	584.1	516.5	452.8	385.9	309.0
42.5°	1239.0	1114.2	997.9	890.8	793.2	700.8	615.8	544.8	476.4	399.1	319.8
40°	1354.2	1204.1	1071.1	955.1	846.0	741.9	652.2	572.2	498.3	412.3	330.4
37.5°	1466.5	1300.8	1151.0	1016.3	898.0	788.2	687.5	598.1	515.6	426.7	339.9
35°	1598.9	1400.6	1227.1	1081.2	951.7	832.3	720.6	624.7	534.7	440.4	348.4
32.5°	1727.5	1502.3	1312.7	1147.7	1002.2	874.1	755.8	651.9	554.1	453.6	355.9
30°	1868.8	1612.9	1393.5	1209.9	1052.5	917.1	791.2	677.5	573.6	465.9	363.1
27.5°	2004.6	1714.8	1472.0	1275.7	1105.6	957.2	824.0	701.5	593.2	478.9	372.1
25°	2139.1	1825.0	1558.7	1338.5	1154.4	993.8	854.1	723.9	612.4	493.4	380.2
22.5°	2285.1	1931.5	1636.7	1394.9	1198.5	1027.2	882.8	748.4	630.1	507.2	387.3
20°	2419.3	2027.7	1706.4	1448.9	1242.3	1063.2	909.7	770.4	645.9	520.2	393.2
17.5°	2545.9	2125.5	1784.2	1507.3	1283.7	1095.0	933.4	789.6	659.9	532.1	398.1
15°	2678.7	2222.7	1854.1	1557.9	1319.6	1122.4	953.7	806.2	672.0	542.9	402.7
12.5°	2792.2	2304.9	1912.9	1600.4	1349.7	1145.3	970.7	820.0	682.0	552.0	406.8
10°	2885.7	2371.6	1960.4	1634.8	1374.0	1163.7	984.2	831.2	690.4	559.1	409.1
7.5°	2958.5	2422.6	1996.2	1660.8	1392.6	1178.1	995.4	839.9	696.9	564.1	409.6
5°	3009.4	2458.1	2022.5	1679.1	1406.7	1188.4	1003.5	845.7	701.3	566.8	408.4
2.5°	3036.1	2478.2	2038.7	1688.8	1414.8	1194.0	1008.0	848.5	703.5	567.1	405.6
0°	3040.2	2482.0	2043.3	1690.0	1416.8	1194.9	1008.9	848.4	703.3	565.0	401.2
-2.5°	3036.1	2478.2	2038.7	1688.8	1414.8	1194.0	1008.0	848.5	703.5	567.1	405.6
-5°	3009.4	2458.1	2022.5	1679.1	1406.7	1188.4	1003.5	845.7	701.3	566.8	408.4
-7.5°	2958.5	2422.6	1996.2	1660.8	1392.6	1178.1	995.4	839.9	696.9	564.1	409.6
-10°	2885.7	2371.6	1960.4	1634.8	1374.0	1163.7	984.2	831.2	690.4	559.1	409.1
-12.5°	2792.2	2304.9	1912.9	1600.4	1349.7	1145.3	970.7	820.0	682.0	552.0	406.8
-15°	2678.7	2222.7	1854.1	1557.9	1319.6	1122.4	953.7	806.2	672.0	542.9	402.7
-17.5°	2545.9	2125.5	1784.2	1507.3	1283.7	1095.0	933.4	789.6	659.9	532.1	398.1
-20°	2419.3	2027.7	1706.4	1448.9	1242.3	1063.2	909.7	770.4	645.9	520.2	393.2

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Scaled Data Report



REPORT NUMBER: P627593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	2285.1	1931.5	1636.7	1394.9	1198.5	1027.2	882.8	748.4	630.1	507.2	387.3
-25°	2139.1	1825.0	1558.7	1338.5	1154.4	993.8	854.1	723.9	612.4	493.4	380.2
-27.5°	2004.6	1714.8	1472.0	1275.7	1105.6	957.2	824.0	701.5	593.2	478.9	372.1
-30°	1868.8	1612.9	1393.5	1209.9	1052.5	917.1	791.2	677.5	573.6	465.9	363.1
-32.5°	1727.5	1502.3	1312.7	1147.7	1002.2	874.1	755.8	651.9	554.1	453.6	355.9
-35°	1598.9	1400.6	1227.1	1081.2	951.7	832.3	720.6	624.7	534.7	440.4	348.4
-37.5°	1466.5	1300.8	1151.0	1016.3	898.0	788.2	687.5	598.1	515.6	426.7	339.9
-40°	1354.2	1204.1	1071.1	955.1	846.0	741.9	652.2	572.2	498.3	412.3	330.4
-42.5°	1239.0	1114.2	997.9	890.8	793.2	700.8	615.8	544.8	476.4	399.1	319.8
-45°	1139.1	1026.3	925.1	831.0	739.7	657.8	584.1	516.5	452.8	385.9	309.0
-47.5°	1039.6	944.8	854.9	769.2	690.7	615.2	551.1	489.2	428.3	371.4	297.9
-50°	949.3	865.6	786.6	711.8	639.5	577.7	517.6	460.9	405.6	351.1	285.6
-52.5°	863.4	790.8	721.7	654.9	594.4	538.9	485.6	432.1	382.3	330.6	272.1
-55°	782.2	720.4	659.1	601.8	549.0	501.8	452.8	405.9	358.4	309.4	257.6
-57.5°	706.6	651.9	599.7	549.8	505.2	463.6	422.1	379.0	333.3	287.3	244.4
-60°	631.7	586.1	540.5	500.4	462.1	426.1	392.5	351.0	307.2	264.7	227.8
-62.5°	559.5	520.6	487.0	452.3	418.4	388.7	361.7	320.5	280.2	242.4	209.3
-65°	489.1	460.1	433.3	401.2	373.2	349.2	325.3	289.2	252.2	218.9	189.9
-67.5°	419.3	395.8	372.1	347.5	328.1	308.5	287.3	255.4	223.0	194.5	169.3
-70°	347.5	328.6	313.9	300.3	284.6	267.2	246.3	219.8	192.7	169.8	148.3
-72.5°	278.8	269.9	263.1	254.3	240.1	223.6	204.8	183.6	163.5	144.5	126.9
-75°	213.1	213.7	213.3	207.8	195.0	180.3	165.5	149.6	133.7	118.8	104.2
-77.5°	162.5	164.4	164.9	161.9	151.4	140.0	127.8	115.0	104.1	93.2	81.0
-80°	115.5	118.1	118.9	116.9	108.7	99.8	92.1	84.2	76.4	67.6	57.8
-82.5°	71.9	74.2	75.4	74.9	70.2	65.3	60.1	54.6	48.7	42.0	38.1
-85°	36.2	37.0	36.8	35.7	33.3	30.8	30.8	30.3	29.1	27.4	25.4
-87.5°	12.1	13.2	14.0	14.7	15.1	15.4	15.4	15.1	14.5	13.7	12.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	11.5	9.0	6.7	4.6	2.8	1.2	0.0
85°	22.9	17.9	13.3	9.2	5.6	2.5	0.0
82.5°	34.3	26.7	19.9	13.8	8.4	3.7	0.0
80°	46.5	35.5	26.4	18.3	11.2	4.9	0.0
77.5°	66.4	46.1	32.8	22.8	13.9	6.1	0.0
75°	85.8	60.3	39.8	27.2	16.6	7.2	0.0
72.5°	104.5	74.1	49.3	31.5	19.2	8.4	0.0
70°	122.2	87.3	58.4	36.0	21.8	9.5	0.0
67.5°	137.6	99.9	67.2	41.6	24.3	10.6	0.0
65°	152.3	111.5	75.6	46.9	26.7	11.7	0.0
62.5°	166.1	122.1	83.4	52.0	29.0	12.8	0.0
60°	179.1	132.1	90.8	56.8	31.2	13.8	0.0
57.5°	190.8	141.3	97.6	61.2	33.9	14.8	0.0
55°	201.6	149.9	104.0	65.4	36.6	15.7	0.0
52.5°	211.5	157.7	109.8	69.1	39.1	16.6	0.0
50°	220.4	164.9	115.1	72.5	41.5	17.5	0.0
47.5°	228.8	171.4	119.9	75.7	43.8	18.3	0.0
45°	238.2	177.1	124.0	78.7	46.0	19.0	0.0
42.5°	246.5	182.1	127.6	81.5	48.0	19.7	0.0
40°	253.8	186.3	130.9	84.5	49.9	20.4	0.0
37.5°	260.1	189.7	133.8	87.5	51.7	21.0	0.0
35°	265.3	193.6	136.1	90.3	53.4	21.6	0.0
32.5°	270.0	197.3	137.9	92.8	54.9	22.1	0.0
30°	275.3	200.1	139.2	95.1	56.3	22.5	0.0
27.5°	279.7	202.2	142.2	97.2	57.5	22.9	0.0
25°	283.1	203.4	145.0	98.9	58.6	23.3	0.0
22.5°	285.5	205.0	147.5	100.5	59.6	23.6	0.0
20°	286.9	208.7	149.7	101.7	60.4	23.8	0.0
17.5°	290.1	211.7	151.5	102.7	61.0	24.0	0.0
15°	293.9	214.1	152.9	103.4	61.5	24.1	0.0
12.5°	296.7	215.9	154.0	103.9	61.9	24.2	0.0
10°	298.5	217.0	154.7	104.1	62.1	24.3	0.0
7.5°	299.2	217.5	155.0	104.0	62.2	24.2	0.0
5°	298.9	217.3	154.9	103.7	62.1	24.2	0.0
2.5°	297.6	216.5	154.5	103.2	61.9	24.1	0.0
0°	295.3	215.1	153.6	102.4	61.5	23.9	0.0
-2.5°	297.6	216.5	154.5	103.2	61.9	24.1	0.0
-5°	298.9	217.3	154.9	103.7	62.1	24.2	0.0
-7.5°	299.2	217.5	155.0	104.0	62.2	24.2	0.0
-10°	298.5	217.0	154.7	104.1	62.1	24.3	0.0
-12.5°	296.7	215.9	154.0	103.9	61.9	24.2	0.0
-15°	293.9	214.1	152.9	103.4	61.5	24.1	0.0
-17.5°	290.1	211.7	151.5	102.7	61.0	24.0	0.0
-20°	286.9	208.7	149.7	101.7	60.4	23.8	0.0

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CATALOG NUMBER: GFLD-SA5B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	285.5	205.0	147.5	100.5	59.6	23.6	0.0
-25°	283.1	203.4	145.0	98.9	58.6	23.3	0.0
-27.5°	279.7	202.2	142.2	97.2	57.5	22.9	0.0
-30°	275.3	200.1	139.2	95.1	56.3	22.5	0.0
-32.5°	270.0	197.3	137.9	92.8	54.9	22.1	0.0
-35°	265.3	193.6	136.1	90.3	53.4	21.6	0.0
-37.5°	260.1	189.7	133.8	87.5	51.7	21.0	0.0
-40°	253.8	186.3	130.9	84.5	49.9	20.4	0.0
-42.5°	246.5	182.1	127.6	81.5	48.0	19.7	0.0
-45°	238.2	177.1	124.0	78.7	46.0	19.0	0.0
-47.5°	228.8	171.4	119.9	75.7	43.8	18.3	0.0
-50°	220.4	164.9	115.1	72.5	41.5	17.5	0.0
-52.5°	211.5	157.7	109.8	69.1	39.1	16.6	0.0
-55°	201.6	149.9	104.0	65.4	36.6	15.7	0.0
-57.5°	190.8	141.3	97.6	61.2	33.9	14.8	0.0
-60°	179.1	132.1	90.8	56.8	31.2	13.8	0.0
-62.5°	166.1	122.1	83.4	52.0	29.0	12.8	0.0
-65°	152.3	111.5	75.6	46.9	26.7	11.7	0.0
-67.5°	137.6	99.9	67.2	41.6	24.3	10.6	0.0
-70°	122.2	87.3	58.4	36.0	21.8	9.5	0.0
-72.5°	104.5	74.1	49.3	31.5	19.2	8.4	0.0
-75°	85.8	60.3	39.8	27.2	16.6	7.2	0.0
-77.5°	66.4	46.1	32.8	22.8	13.9	6.1	0.0
-80°	46.5	35.5	26.4	18.3	11.2	4.9	0.0
-82.5°	34.3	26.7	19.9	13.8	8.4	3.7	0.0
-85°	22.9	17.9	13.3	9.2	5.6	2.5	0.0
-87.5°	11.5	9.0	6.7	4.6	2.8	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)