

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: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627953 (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-SA6D-740-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N150
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

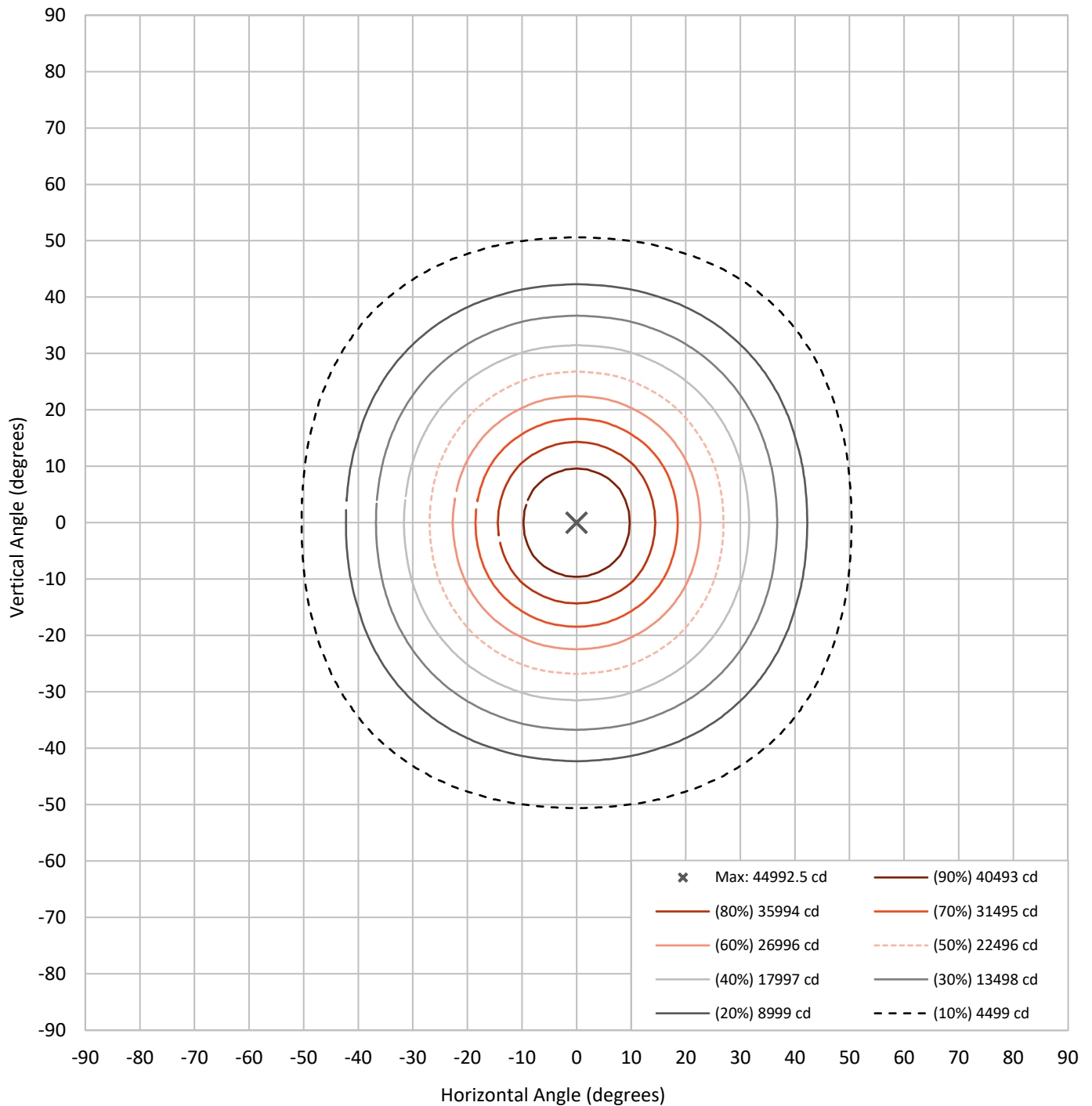
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	45791.9 lumens	Max Intensity:	44992.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.5 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:	21894.9 lumens	Field Lumens:	40412.9 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	325.9		
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





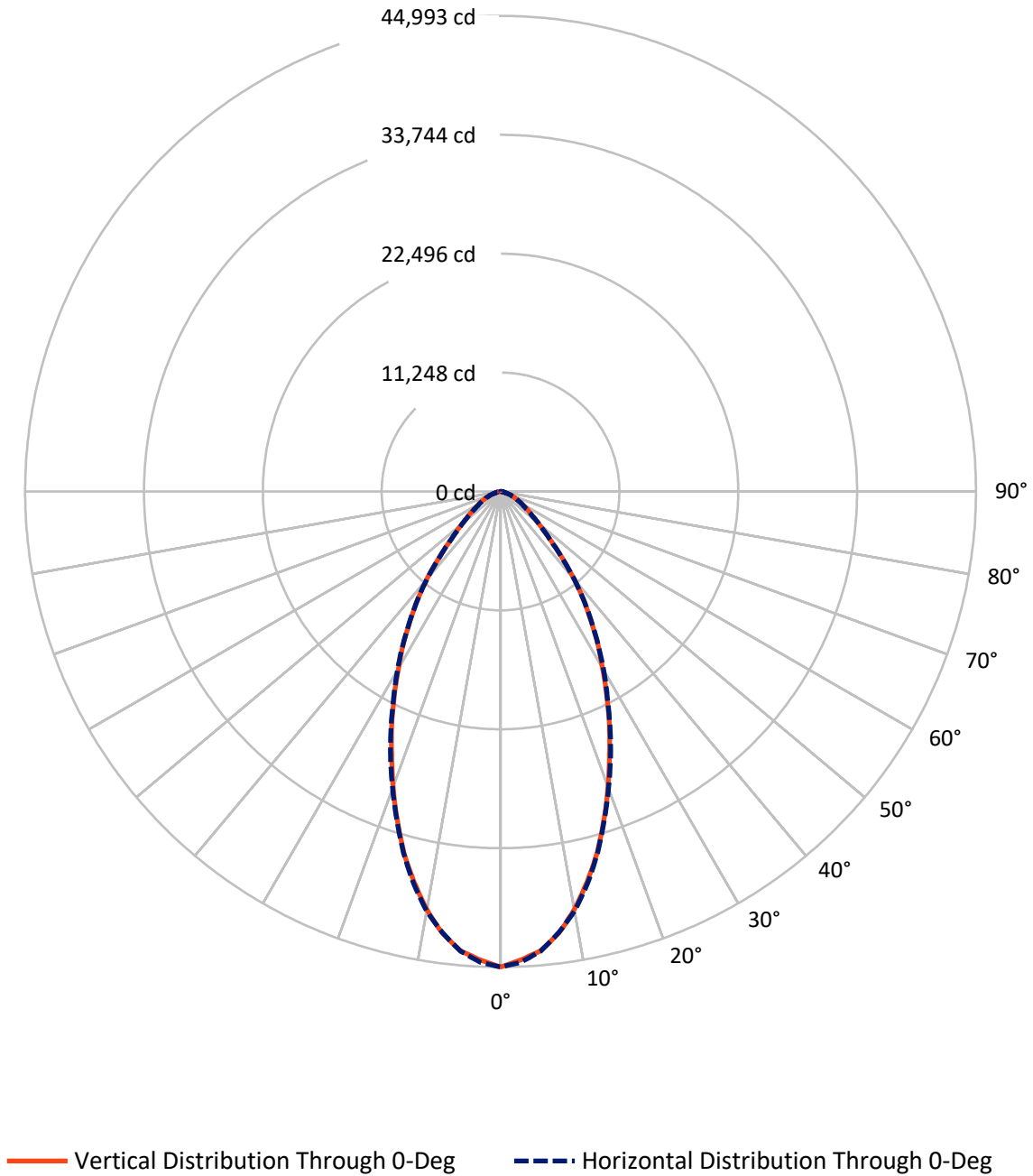
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Lumen Table

90																			
80	1.8	12.6		28.8		47.9		41.1		47.9		28.8		12.6		1.8			
70																			
60	5.9	7.0	13.1	21.0	30.5	39.6	46.5	49.8	49.8	46.5	39.6	30.5	21.0	13.1	7.0	5.9			
50		9.9	19.9	34.4	52.7	72.5	90.5	100.8	100.8	90.5	72.5	52.7	34.4	19.9	9.9				
40	8.8	12.6	27.4	51.3	86.5	132.9	183.2	216.8	216.8	183.2	132.9	86.5	51.3	27.4	12.6	8.8			
30		15.3	36.0	74.6	145.1	257.7	374.4	444.1	444.1	374.4	257.7	145.1	74.6	36.0	15.3				
20	10.4	17.9	44.8	104.4	234.6	421.7	603.5	721.4	721.4	603.5	421.7	234.6	104.4	44.8	17.9	10.4			
10		19.9	52.5	135.3	320.2	569.5	840.8	1034.4	1034.4	840.8	569.5	320.2	135.3	52.5	19.9				
0	10.9	20.9	56.9	155.4	368.7	662.1	1007.5	1267.1	1267.1	1007.5	662.1	368.7	155.4	56.9	20.9	10.9			
-10		20.9	56.9	155.4	368.7	662.1	1007.5	1267.1	1267.1	1007.5	662.1	368.7	155.4	56.9	20.9				
-20	10.4	19.9	52.5	135.3	320.2	569.5	840.8	1034.4	1034.4	840.8	569.5	320.2	135.3	52.5	19.9	10.4			
-30		17.9	44.8	104.4	234.6	421.7	603.5	721.4	721.4	603.5	421.7	234.6	104.4	44.8	17.9				
-40	8.8	15.3	36.0	74.6	145.1	257.7	374.4	444.1	444.1	374.4	257.7	145.1	74.6	36.0	15.3	8.8			
-50		12.6	27.4	51.3	86.5	132.9	183.2	216.8	216.8	183.2	132.9	86.5	51.3	27.4	12.6				
-60	5.9	9.9	19.9	34.4	52.7	72.5	90.5	100.8	100.8	90.5	72.5	52.7	34.4	19.9	9.9	5.9			
-70		7.0	13.1	21.0	30.5	39.6	46.5	49.8	49.8	46.5	39.6	30.5	21.0	13.1	7.0				
-80																			
-90	1.8	12.6		28.8		47.9		41.1		47.9		28.8		12.6		1.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

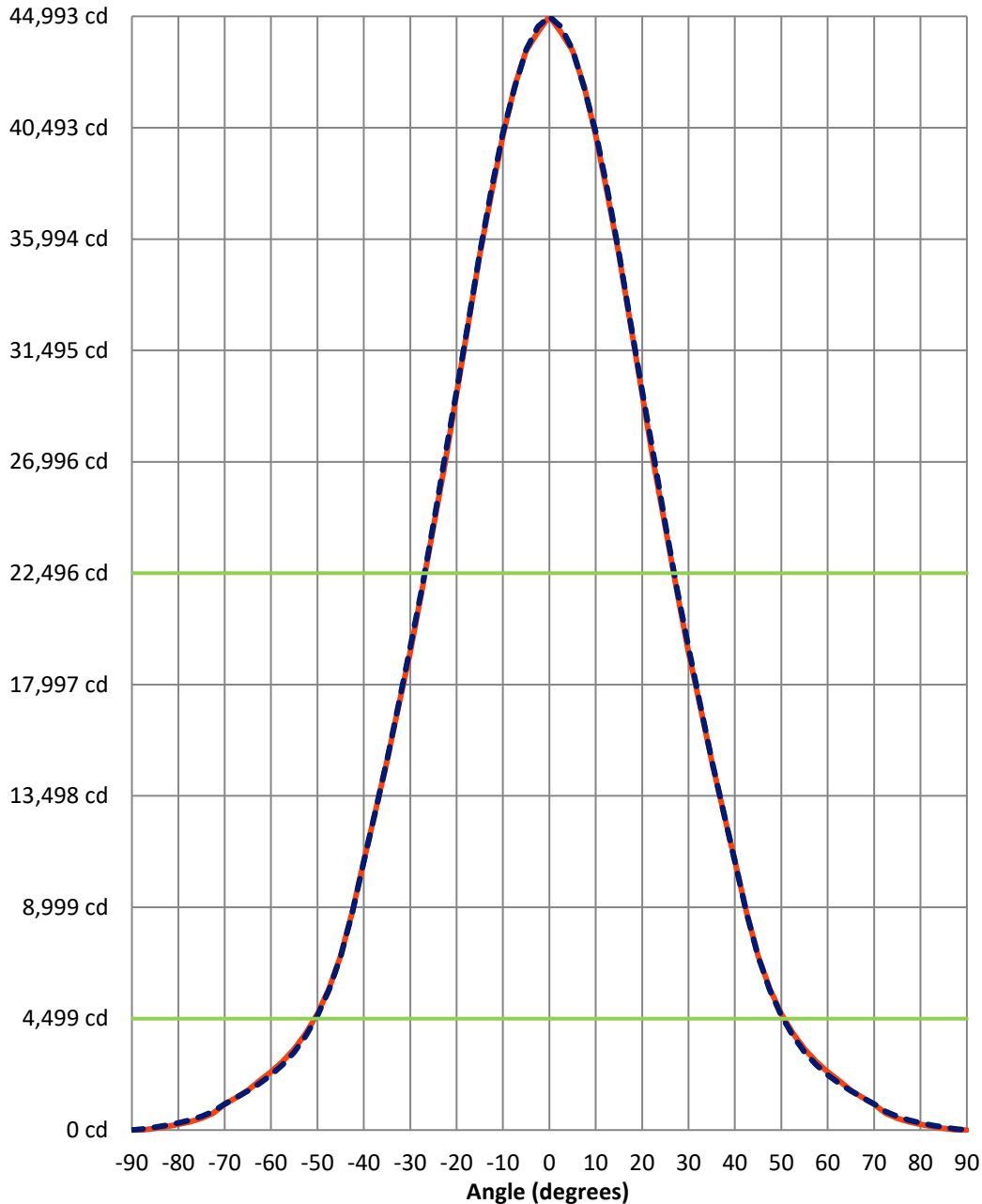
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 21894.9
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 40412.9
 Efficiency: 88.3%

Spill:
 Lumens: 5378.9
 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	2.3	5.3	8.6	12.4	16.7	21.4	23.7	25.6	27.1	28.2
85°	0.0	4.6	10.5	17.2	24.8	33.3	42.7	47.4	51.2	54.2	56.5
82.5°	0.0	6.8	15.7	25.7	37.1	49.8	63.8	71.0	78.3	90.7	101.7
80°	0.0	9.1	20.9	34.1	49.2	66.1	86.7	107.8	126.0	142.4	156.9
77.5°	0.0	11.3	26.0	42.5	61.2	86.0	123.7	151.0	173.7	194.1	214.4
75°	0.0	13.5	30.9	50.7	74.1	112.4	159.7	194.1	221.4	249.0	278.7
72.5°	0.0	15.7	35.8	58.7	91.8	138.0	194.6	236.4	269.2	304.5	342.1
70°	0.0	17.8	40.6	67.1	108.9	162.6	227.6	276.3	316.3	359.0	409.4
67.5°	0.0	19.8	45.3	77.5	125.2	186.1	256.3	315.5	362.3	415.5	475.7
65°	0.0	21.8	49.7	87.5	140.8	207.7	283.7	353.7	407.9	469.8	538.6
62.5°	0.0	23.8	54.1	96.9	155.4	227.4	309.4	390.0	451.5	521.9	597.1
60°	0.0	25.7	58.2	105.8	169.1	246.0	333.6	424.3	493.1	572.3	653.9
57.5°	0.0	27.5	63.3	114.1	181.8	263.3	355.4	455.3	535.2	621.0	706.1
55°	0.0	29.3	68.2	121.8	193.7	279.2	375.5	479.9	576.4	667.7	756.1
52.5°	0.0	30.9	72.8	128.8	204.5	293.7	394.0	506.8	616.0	712.2	805.0
50°	0.0	32.5	77.3	135.2	214.4	307.1	410.7	532.0	654.1	755.5	858.6
47.5°	0.0	34.0	81.6	141.0	223.2	319.2	426.2	555.0	691.8	797.7	911.3
45°	0.0	35.4	85.6	146.7	231.0	329.9	443.7	575.6	718.8	843.4	962.1
42.5°	0.0	36.8	89.4	151.8	237.7	339.2	459.2	595.9	743.5	887.4	1014.9
40°	0.0	38.0	93.0	157.3	243.7	347.0	472.9	615.5	768.0	928.3	1065.9
37.5°	0.0	39.1	96.4	163.0	249.2	353.5	484.5	633.3	794.7	960.6	1114.3
35°	0.0	40.2	99.4	168.2	253.5	360.7	494.2	649.1	820.4	996.1	1163.8
32.5°	0.0	41.1	102.3	172.9	256.9	367.5	503.1	663.0	844.9	1032.1	1214.4
30°	0.0	42.0	104.8	177.2	259.3	372.9	513.0	676.4	868.0	1068.6	1262.1
27.5°	0.0	42.7	107.1	181.0	264.8	376.6	521.1	693.2	892.1	1105.1	1306.8
25°	0.0	43.4	109.2	184.3	270.1	378.9	527.4	708.2	919.0	1140.9	1348.5
22.5°	0.0	43.9	111.0	187.1	274.8	381.9	531.8	721.4	944.8	1173.7	1394.2
20°	0.0	44.4	112.5	189.4	278.9	388.8	534.4	732.5	969.0	1203.2	1435.0
17.5°	0.0	44.7	113.7	191.3	282.3	394.5	540.4	741.5	991.3	1229.3	1471.0
15°	0.0	45.0	114.6	192.6	284.9	399.0	547.6	750.1	1011.3	1251.8	1501.8
12.5°	0.0	45.1	115.3	193.5	286.9	402.2	552.8	757.8	1028.3	1270.5	1527.5
10°	0.0	45.2	115.7	193.9	288.2	404.3	556.0	762.0	1041.5	1286.1	1548.3
7.5°	0.0	45.1	115.8	193.8	288.8	405.1	557.4	762.9	1050.8	1298.2	1564.6
5°	0.0	45.0	115.6	193.3	288.7	404.8	556.8	760.7	1055.8	1306.4	1575.3
2.5°	0.0	44.8	115.2	192.3	287.8	403.3	554.3	755.4	1056.5	1310.4	1580.6
0°	0.0	44.5	114.5	190.8	286.2	400.7	550.1	747.3	1052.5	1310.1	1580.4
-2.5°	0.0	44.8	115.2	192.3	287.8	403.3	554.3	755.4	1056.5	1310.4	1580.6
-5°	0.0	45.0	115.6	193.3	288.7	404.8	556.8	760.7	1055.8	1306.4	1575.3
-7.5°	0.0	45.1	115.8	193.8	288.8	405.1	557.4	762.9	1050.8	1298.2	1564.6
-10°	0.0	45.2	115.7	193.9	288.2	404.3	556.0	762.0	1041.5	1286.1	1548.3
-12.5°	0.0	45.1	115.3	193.5	286.9	402.2	552.8	757.8	1028.3	1270.5	1527.5
-15°	0.0	45.0	114.6	192.6	284.9	399.0	547.6	750.1	1011.3	1251.8	1501.8
-17.5°	0.0	44.7	113.7	191.3	282.3	394.5	540.4	741.5	991.3	1229.3	1471.0
-20°	0.0	44.4	112.5	189.4	278.9	388.8	534.4	732.5	969.0	1203.2	1435.0

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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	43.9	111.0	187.1	274.8	381.9	531.8	721.4	944.8	1173.7	1394.2
-25°	0.0	43.4	109.2	184.3	270.1	378.9	527.4	708.2	919.0	1140.9	1348.5
-27.5°	0.0	42.7	107.1	181.0	264.8	376.6	521.1	693.2	892.1	1105.1	1306.8
-30°	0.0	42.0	104.8	177.2	259.3	372.9	513.0	676.4	868.0	1068.6	1262.1
-32.5°	0.0	41.1	102.3	172.9	256.9	367.5	503.1	663.0	844.9	1032.1	1214.4
-35°	0.0	40.2	99.4	168.2	253.5	360.7	494.2	649.1	820.4	996.1	1163.8
-37.5°	0.0	39.1	96.4	163.0	249.2	353.5	484.5	633.3	794.7	960.6	1114.3
-40°	0.0	38.0	93.0	157.3	243.7	347.0	472.9	615.5	768.0	928.3	1065.9
-42.5°	0.0	36.8	89.4	151.8	237.7	339.2	459.2	595.9	743.5	887.4	1014.9
-45°	0.0	35.4	85.6	146.7	231.0	329.9	443.7	575.6	718.8	843.4	962.1
-47.5°	0.0	34.0	81.6	141.0	223.2	319.2	426.2	555.0	691.8	797.7	911.3
-50°	0.0	32.5	77.3	135.2	214.4	307.1	410.7	532.0	654.1	755.5	858.6
-52.5°	0.0	30.9	72.8	128.8	204.5	293.7	394.0	506.8	616.0	712.2	805.0
-55°	0.0	29.3	68.2	121.8	193.7	279.2	375.5	479.9	576.4	667.7	756.1
-57.5°	0.0	27.5	63.3	114.1	181.8	263.3	355.4	455.3	535.2	621.0	706.1
-60°	0.0	25.7	58.2	105.8	169.1	246.0	333.6	424.3	493.1	572.3	653.9
-62.5°	0.0	23.8	54.1	96.9	155.4	227.4	309.4	390.0	451.5	521.9	597.1
-65°	0.0	21.8	49.7	87.5	140.8	207.7	283.7	353.7	407.9	469.8	538.6
-67.5°	0.0	19.8	45.3	77.5	125.2	186.1	256.3	315.5	362.3	415.5	475.7
-70°	0.0	17.8	40.6	67.1	108.9	162.6	227.6	276.3	316.3	359.0	409.4
-72.5°	0.0	15.7	35.8	58.7	91.8	138.0	194.6	236.4	269.2	304.5	342.1
-75°	0.0	13.5	30.9	50.7	74.1	112.4	159.7	194.1	221.4	249.0	278.7
-77.5°	0.0	11.3	26.0	42.5	61.2	86.0	123.7	151.0	173.7	194.1	214.4
-80°	0.0	9.1	20.9	34.1	49.2	66.1	86.7	107.8	126.0	142.4	156.9
-82.5°	0.0	6.8	15.7	25.7	37.1	49.8	63.8	71.0	78.3	90.7	101.7
-85°	0.0	4.6	10.5	17.2	24.8	33.3	42.7	47.4	51.2	54.2	56.5
-87.5°	0.0	2.3	5.3	8.6	12.4	16.7	21.4	23.7	25.6	27.1	28.2
-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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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°	28.7	28.6	28.2	27.4	26.2	24.6	22.6	20.3	21.1	21.9	22.7
85°	57.4	57.4	62.1	66.5	68.5	68.8	67.4	64.5	72.9	82.5	92.7
82.5°	112.0	121.7	130.8	139.5	140.4	138.1	133.9	128.9	145.9	166.5	188.0
80°	171.6	185.9	202.4	217.8	221.5	219.9	215.1	207.3	229.7	261.5	295.7
77.5°	238.2	260.9	282.1	301.6	307.2	306.4	302.8	296.5	325.0	368.9	414.6
75°	308.4	335.9	363.2	387.1	397.4	398.2	397.0	403.8	441.3	492.7	538.0
72.5°	381.5	416.6	447.3	473.7	490.2	502.7	519.4	539.8	577.7	628.2	672.7
70°	458.9	497.8	530.2	559.5	584.7	612.1	647.4	682.2	722.2	772.6	818.8
67.5°	535.2	574.6	611.3	647.3	693.2	737.2	781.0	826.6	876.9	929.9	976.7
65°	606.0	650.6	695.2	747.5	807.3	857.1	911.1	970.4	1036.4	1096.0	1150.2
62.5°	673.9	724.1	779.4	842.6	907.3	969.8	1042.2	1118.4	1195.5	1270.3	1344.4
60°	731.2	793.8	860.9	932.2	1006.9	1091.9	1176.8	1267.6	1359.7	1449.7	1541.4
57.5°	786.3	863.7	941.1	1024.1	1117.2	1214.4	1316.4	1418.5	1528.7	1637.6	1741.6
55°	843.5	934.7	1022.8	1121.2	1227.8	1342.0	1457.2	1581.1	1702.7	1839.8	1966.2
52.5°	904.7	1003.9	1107.3	1219.9	1344.5	1473.3	1608.4	1750.3	1901.8	2054.1	2208.7
50°	964.3	1076.1	1191.2	1326.0	1465.3	1612.4	1768.4	1933.9	2110.1	2286.5	2473.6
47.5°	1026.6	1146.0	1286.6	1433.0	1592.6	1760.0	1936.7	2133.3	2329.3	2551.4	2765.9
45°	1088.1	1225.4	1378.0	1548.0	1723.3	1911.8	2121.9	2337.9	2588.0	2838.9	3120.8
42.5°	1147.1	1305.5	1477.7	1659.4	1858.8	2075.6	2308.0	2579.6	2861.7	3172.2	3503.0
40°	1215.0	1382.0	1575.9	1779.1	1995.3	2243.0	2522.7	2824.3	3168.3	3536.1	3912.0
37.5°	1280.7	1468.3	1672.9	1893.3	2144.2	2423.1	2732.0	3101.6	3498.6	3916.8	4428.1
35°	1342.4	1550.5	1772.8	2014.2	2285.9	2609.1	2978.5	3387.0	3844.5	4383.8	4980.4
32.5°	1407.9	1628.3	1867.0	2138.0	2445.5	2798.6	3218.1	3699.0	4240.3	4854.5	5601.0
30°	1473.9	1708.4	1960.7	2253.8	2595.9	3004.6	3481.3	4012.7	4635.4	5405.9	6282.2
27.5°	1534.9	1783.2	2059.6	2376.5	2742.2	3194.5	3734.2	4357.1	5090.8	5961.4	6985.0
25°	1591.1	1851.4	2150.5	2493.5	2903.6	3399.6	3984.7	4674.6	5546.3	6584.5	7843.7
22.5°	1644.5	1913.5	2232.7	2598.6	3048.9	3598.1	4256.6	5046.0	6009.7	7174.8	8685.0
20°	1694.7	1980.7	2314.3	2699.2	3178.8	3777.3	4506.6	5392.8	6489.5	7868.7	9509.9
17.5°	1738.8	2039.9	2391.5	2808.0	3323.6	3959.5	4742.5	5699.0	6916.5	8488.4	10271.1
15°	1776.6	2090.9	2458.3	2902.1	3454.0	4140.5	4990.0	6034.7	7361.9	9052.0	10939.5
12.5°	1808.2	2133.6	2514.4	2981.3	3563.5	4293.6	5201.3	6334.0	7795.8	9582.8	11526.2
10°	1833.4	2167.9	2559.6	3045.3	3651.9	4417.9	5375.5	6578.7	8156.8	10037.8	12022.6
7.5°	1854.3	2194.7	2594.2	3093.8	3718.7	4512.8	5511.0	6767.6	8439.0	10398.0	12403.4
5°	1869.2	2213.9	2620.5	3127.8	3767.7	4579.1	5605.9	6899.7	8639.7	10659.1	12663.9
2.5°	1877.6	2224.3	2635.6	3145.8	3797.9	4616.6	5655.6	6982.6	8750.1	10808.1	12821.4
0°	1879.3	2225.9	2639.3	3148.1	3806.4	4623.6	5663.4	7008.5	8773.4	10846.7	12878.6
-2.5°	1877.6	2224.3	2635.6	3145.8	3797.9	4616.6	5655.6	6982.6	8750.1	10808.1	12821.4
-5°	1869.2	2213.9	2620.5	3127.8	3767.7	4579.1	5605.9	6899.7	8639.7	10659.1	12663.9
-7.5°	1854.3	2194.7	2594.2	3093.8	3718.7	4512.8	5511.0	6767.6	8439.0	10398.0	12403.4
-10°	1833.4	2167.9	2559.6	3045.3	3651.9	4417.9	5375.5	6578.7	8156.8	10037.8	12022.6
-12.5°	1808.2	2133.6	2514.4	2981.3	3563.5	4293.6	5201.3	6334.0	7795.8	9582.8	11526.2
-15°	1776.6	2090.9	2458.3	2902.1	3454.0	4140.5	4990.0	6034.7	7361.9	9052.0	10939.5
-17.5°	1738.8	2039.9	2391.5	2808.0	3323.6	3959.5	4742.5	5699.0	6916.5	8488.4	10271.1
-20°	1694.7	1980.7	2314.3	2699.2	3178.8	3777.3	4506.6	5392.8	6489.5	7868.7	9509.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	1644.5	1913.5	2232.7	2598.6	3048.9	3598.1	4256.6	5046.0	6009.7	7174.8	8685.0
-25°	1591.1	1851.4	2150.5	2493.5	2903.6	3399.6	3984.7	4674.6	5546.3	6584.5	7843.7
-27.5°	1534.9	1783.2	2059.6	2376.5	2742.2	3194.5	3734.2	4357.1	5090.8	5961.4	6985.0
-30°	1473.9	1708.4	1960.7	2253.8	2595.9	3004.6	3481.3	4012.7	4635.4	5405.9	6282.2
-32.5°	1407.9	1628.3	1867.0	2138.0	2445.5	2798.6	3218.1	3699.0	4240.3	4854.5	5601.0
-35°	1342.4	1550.5	1772.8	2014.2	2285.9	2609.1	2978.5	3387.0	3844.5	4383.8	4980.4
-37.5°	1280.7	1468.3	1672.9	1893.3	2144.2	2423.1	2732.0	3101.6	3498.6	3916.8	4428.1
-40°	1215.0	1382.0	1575.9	1779.1	1995.3	2243.0	2522.7	2824.3	3168.3	3536.1	3912.0
-42.5°	1147.1	1305.5	1477.7	1659.4	1858.8	2075.6	2308.0	2579.6	2861.7	3172.2	3503.0
-45°	1088.1	1225.4	1378.0	1548.0	1723.3	1911.8	2121.9	2337.9	2588.0	2838.9	3120.8
-47.5°	1026.6	1146.0	1286.6	1433.0	1592.6	1760.0	1936.7	2133.3	2329.3	2551.4	2765.9
-50°	964.3	1076.1	1191.2	1326.0	1465.3	1612.4	1768.4	1933.9	2110.1	2286.5	2473.6
-52.5°	904.7	1003.9	1107.3	1219.9	1344.5	1473.3	1608.4	1750.3	1901.8	2054.1	2208.7
-55°	843.5	934.7	1022.8	1121.2	1227.8	1342.0	1457.2	1581.1	1702.7	1839.8	1966.2
-57.5°	786.3	863.7	941.1	1024.1	1117.2	1214.4	1316.4	1418.5	1528.7	1637.6	1741.6
-60°	731.2	793.8	860.9	932.2	1006.9	1091.9	1176.8	1267.6	1359.7	1449.7	1541.4
-62.5°	673.9	724.1	779.4	842.6	907.3	969.8	1042.2	1118.4	1195.5	1270.3	1344.4
-65°	606.0	650.6	695.2	747.5	807.3	857.1	911.1	970.4	1036.4	1096.0	1150.2
-67.5°	535.2	574.6	611.3	647.3	693.2	737.2	781.0	826.6	876.9	929.9	976.7
-70°	458.9	497.8	530.2	559.5	584.7	612.1	647.4	682.2	722.2	772.6	818.8
-72.5°	381.5	416.6	447.3	473.7	490.2	502.7	519.4	539.8	577.7	628.2	672.7
-75°	308.4	335.9	363.2	387.1	397.4	398.2	397.0	403.8	441.3	492.7	538.0
-77.5°	238.2	260.9	282.1	301.6	307.2	306.4	302.8	296.5	325.0	368.9	414.6
-80°	171.6	185.9	202.4	217.8	221.5	219.9	215.1	207.3	229.7	261.5	295.7
-82.5°	112.0	121.7	130.8	139.5	140.4	138.1	133.9	128.9	145.9	166.5	188.0
-85°	57.4	57.4	62.1	66.5	68.5	68.8	67.4	64.5	72.9	82.5	92.7
-87.5°	28.7	28.6	28.2	27.4	26.2	24.6	22.6	20.3	21.1	21.9	22.7
-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: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	23.4	22.8	22.1	21.2	20.2	19.9	19.5	19.0	18.5	17.1	15.7
85°	103.4	105.7	107.0	107.6	107.6	111.1	114.3	117.2	119.8	108.6	96.3
82.5°	210.3	220.2	228.8	237.5	245.9	251.8	256.2	259.4	261.5	236.7	208.9
80°	331.0	351.7	368.9	385.3	401.0	404.9	404.9	402.6	398.4	364.5	326.1
77.5°	460.4	487.5	509.0	530.3	551.4	559.1	562.8	565.7	567.7	525.8	474.1
75°	577.6	610.0	640.2	668.1	693.9	707.7	715.7	722.4	727.4	685.4	630.0
72.5°	711.4	745.7	778.3	809.3	836.7	854.8	866.7	876.4	884.1	860.1	825.5
70°	858.5	894.0	928.5	960.7	991.7	1016.1	1035.3	1051.8	1065.5	1068.1	1067.0
67.5°	1021.9	1063.7	1104.7	1139.9	1176.7	1211.1	1241.4	1266.5	1286.7	1299.9	1307.3
65°	1205.2	1268.1	1324.1	1371.6	1411.4	1457.3	1497.9	1528.8	1550.6	1567.2	1581.4
62.5°	1421.2	1497.5	1561.6	1624.9	1690.2	1753.6	1793.3	1833.1	1872.0	1908.8	1940.1
60°	1629.2	1712.8	1799.5	1880.3	1955.1	2024.0	2095.2	2158.3	2213.5	2259.7	2294.1
57.5°	1850.8	1952.6	2051.1	2153.8	2250.4	2340.4	2428.4	2509.6	2579.8	2638.8	2687.1
55°	2091.2	2215.8	2333.0	2463.3	2589.5	2704.7	2810.7	2919.3	3017.2	3103.4	3171.8
52.5°	2350.6	2512.5	2667.7	2820.6	2984.3	3131.9	3264.1	3414.8	3548.4	3658.8	3744.8
50°	2660.2	2850.4	3055.3	3244.9	3451.3	3654.6	3842.1	4023.6	4201.2	4354.8	4479.0
47.5°	3012.7	3246.8	3500.7	3752.0	4008.2	4286.1	4534.1	4764.6	5012.8	5228.4	5401.3
45°	3404.6	3703.1	4009.6	4362.8	4688.3	5045.3	5375.7	5672.5	6024.6	6334.8	6584.5
42.5°	3839.3	4236.9	4640.0	5085.0	5516.7	5970.0	6451.5	6878.5	7345.5	7790.7	8150.5
40°	4378.2	4853.5	5393.3	5931.9	6551.6	7133.7	7835.1	8472.5	9051.3	9582.2	10017.3
37.5°	4976.9	5588.8	6267.1	6968.5	7816.5	8647.6	9468.6	10243.7	10928.0	11509.0	11996.4
35°	5656.7	6434.2	7255.7	8279.8	9273.2	10268.7	11196.0	12043.1	12787.4	13443.0	14000.4
32.5°	6438.6	7371.7	8521.8	9672.2	10805.5	11901.4	12919.5	13843.5	14659.8	15395.8	16036.8
30°	7260.6	8533.9	9824.6	11086.8	12324.5	13524.9	14642.3	15660.0	16582.4	17401.7	18140.2
27.5°	8305.3	9716.2	11123.7	12484.3	13846.0	15159.8	16370.7	17501.3	18559.7	19485.8	20329.9
25°	9315.7	10874.4	12370.7	13854.2	15336.3	16746.9	18100.9	19377.9	20590.0	21652.9	22595.3
22.5°	10325.9	11957.5	13556.3	15151.4	16743.6	18316.1	19836.4	21299.5	22655.1	23865.4	24926.3
20°	11261.6	12967.2	14677.0	16396.5	18122.4	19843.7	21551.3	23197.8	24707.9	26105.2	27333.1
17.5°	12100.5	13914.4	15727.1	17566.4	19437.3	21306.1	23203.0	25048.7	26775.1	28365.0	29789.4
15°	12843.3	14736.1	16682.9	18667.7	20676.7	22706.3	24776.0	26841.2	28784.6	30590.4	32180.6
12.5°	13492.8	15460.6	17501.1	19610.0	21790.5	24001.5	26260.4	28524.0	30675.5	32760.3	34477.4
10°	14028.7	16076.8	18209.5	20425.4	22724.9	25104.6	27528.0	29964.7	32335.0	34546.6	36510.2
7.5°	14442.6	16567.5	18765.1	21069.7	23482.2	25991.7	28558.9	31144.7	33674.2	36057.2	38229.9
5°	14734.6	16924.5	19149.9	21547.2	24043.4	26644.0	29312.1	32006.8	34651.1	37156.7	39408.5
2.5°	14904.1	17139.0	19373.9	21837.3	24377.2	27038.6	29779.2	32518.1	35232.2	37831.0	40144.9
0°	14948.8	17203.3	19502.4	21868.2	24482.1	27223.2	29865.7	32613.1	35433.7	37996.7	40302.2
-2.5°	14904.1	17139.0	19373.9	21837.3	24377.2	27038.6	29779.2	32518.1	35232.2	37831.0	40144.9
-5°	14734.6	16924.5	19149.9	21547.2	24043.4	26644.0	29312.1	32006.8	34651.1	37156.7	39408.5
-7.5°	14442.6	16567.5	18765.1	21069.7	23482.2	25991.7	28558.9	31144.7	33674.2	36057.2	38229.9
-10°	14028.7	16076.8	18209.5	20425.4	22724.9	25104.6	27528.0	29964.7	32335.0	34546.6	36510.2
-12.5°	13492.8	15460.6	17501.1	19610.0	21790.5	24001.5	26260.4	28524.0	30675.5	32760.3	34477.4
-15°	12843.3	14736.1	16682.9	18667.7	20676.7	22706.3	24776.0	26841.2	28784.6	30590.4	32180.6
-17.5°	12100.5	13914.4	15727.1	17566.4	19437.3	21306.1	23203.0	25048.7	26775.1	28365.0	29789.4
-20°	11261.6	12967.2	14677.0	16396.5	18122.4	19843.7	21551.3	23197.8	24707.9	26105.2	27333.1



REPORT NUMBER: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	10325.9	11957.5	13556.3	15151.4	16743.6	18316.1	19836.4	21299.5	22655.1	23865.4	24926.3
-25°	9315.7	10874.4	12370.7	13854.2	15336.3	16746.9	18100.9	19377.9	20590.0	21652.9	22595.3
-27.5°	8305.3	9716.2	11123.7	12484.3	13846.0	15159.8	16370.7	17501.3	18559.7	19485.8	20329.9
-30°	7260.6	8533.9	9824.6	11086.8	12324.5	13524.9	14642.3	15660.0	16582.4	17401.7	18140.2
-32.5°	6438.6	7371.7	8521.8	9672.2	10805.5	11901.4	12919.5	13843.5	14659.8	15395.8	16036.8
-35°	5656.7	6434.2	7255.7	8279.8	9273.2	10268.7	11196.0	12043.1	12787.4	13443.0	14000.4
-37.5°	4976.9	5588.8	6267.1	6968.5	7816.5	8647.6	9468.6	10243.7	10928.0	11509.0	11996.4
-40°	4378.2	4853.5	5393.3	5931.9	6551.6	7133.7	7835.1	8472.5	9051.3	9582.2	10017.3
-42.5°	3839.3	4236.9	4640.0	5085.0	5516.7	5970.0	6451.5	6878.5	7345.5	7790.7	8150.5
-45°	3404.6	3703.1	4009.6	4362.8	4688.3	5045.3	5375.7	5672.5	6024.6	6334.8	6584.5
-47.5°	3012.7	3246.8	3500.7	3752.0	4008.2	4286.1	4534.1	4764.6	5012.8	5228.4	5401.3
-50°	2660.2	2850.4	3055.3	3244.9	3451.3	3654.6	3842.1	4023.6	4201.2	4354.8	4479.0
-52.5°	2350.6	2512.5	2667.7	2820.6	2984.3	3131.9	3264.1	3414.8	3548.4	3658.8	3744.8
-55°	2091.2	2215.8	2333.0	2463.3	2589.5	2704.7	2810.7	2919.3	3017.2	3103.4	3171.8
-57.5°	1850.8	1952.6	2051.1	2153.8	2250.4	2340.4	2428.4	2509.6	2579.8	2638.8	2687.1
-60°	1629.2	1712.8	1799.5	1880.3	1955.1	2024.0	2095.2	2158.3	2213.5	2259.7	2294.1
-62.5°	1421.2	1497.5	1561.6	1624.9	1690.2	1753.6	1793.3	1833.1	1872.0	1908.8	1940.1
-65°	1205.2	1268.1	1324.1	1371.6	1411.4	1457.3	1497.9	1528.8	1550.6	1567.2	1581.4
-67.5°	1021.9	1063.7	1104.7	1139.9	1176.7	1211.1	1241.4	1266.5	1286.7	1299.9	1307.3
-70°	858.5	894.0	928.5	960.7	991.7	1016.1	1035.3	1051.8	1065.5	1068.1	1067.0
-72.5°	711.4	745.7	778.3	809.3	836.7	854.8	866.7	876.4	884.1	860.1	825.5
-75°	577.6	610.0	640.2	668.1	693.9	707.7	715.7	722.4	727.4	685.4	630.0
-77.5°	460.4	487.5	509.0	530.3	551.4	559.1	562.8	565.7	567.7	525.8	474.1
-80°	331.0	351.7	368.9	385.3	401.0	404.9	404.9	402.6	398.4	364.5	326.1
-82.5°	210.3	220.2	228.8	237.5	245.9	251.8	256.2	259.4	261.5	236.7	208.9
-85°	103.4	105.7	107.0	107.6	107.6	111.1	114.3	117.2	119.8	108.6	96.3
-87.5°	23.4	22.8	22.1	21.2	20.2	19.9	19.5	19.0	18.5	17.1	15.7
-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: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	14.2	12.7	11.1	9.5	11.1	12.7	14.2	15.7	17.1	18.5	19.0
85°	83.3	69.7	68.3	66.8	68.3	69.7	83.3	96.3	108.6	119.8	117.2
82.5°	179.6	149.1	144.5	139.9	144.5	149.1	179.6	208.9	236.7	261.5	259.4
80°	286.1	244.7	236.7	229.0	236.7	244.7	286.1	326.1	364.5	398.4	402.6
77.5°	419.7	363.1	346.5	330.7	346.5	363.1	419.7	474.1	525.8	567.7	565.7
75°	572.4	512.9	492.7	473.8	492.7	512.9	572.4	630.0	685.4	727.4	722.4
72.5°	790.4	754.1	717.4	677.3	717.4	754.1	790.4	825.5	860.1	884.1	876.4
70°	1065.8	1063.3	1054.0	1039.8	1054.0	1063.3	1065.8	1067.0	1068.1	1065.5	1051.8
67.5°	1310.5	1309.5	1312.7	1313.3	1312.7	1309.5	1310.5	1307.3	1299.9	1286.7	1266.5
65°	1590.1	1593.2	1599.8	1602.7	1599.8	1593.2	1590.1	1581.4	1567.2	1550.6	1528.8
62.5°	1964.2	1980.4	1988.4	1987.4	1988.4	1980.4	1964.2	1940.1	1908.8	1872.0	1833.1
60°	2319.8	2336.6	2347.3	2350.0	2347.3	2336.6	2319.8	2294.1	2259.7	2213.5	2158.3
57.5°	2725.3	2753.0	2767.6	2769.7	2767.6	2753.0	2725.3	2687.1	2638.8	2579.8	2509.6
55°	3224.2	3260.8	3277.2	3275.3	3277.2	3260.8	3224.2	3171.8	3103.4	3017.2	2919.3
52.5°	3809.8	3854.4	3887.8	3908.1	3887.8	3854.4	3809.8	3744.8	3658.8	3548.4	3414.8
50°	4572.3	4636.3	4677.0	4693.5	4677.0	4636.3	4572.3	4479.0	4354.8	4201.2	4023.6
47.5°	5526.2	5611.0	5673.7	5717.5	5673.7	5611.0	5526.2	5401.3	5228.4	5012.8	4764.6
45°	6768.9	6898.1	6985.8	7037.1	6985.8	6898.1	6768.9	6584.5	6334.8	6024.6	5672.5
42.5°	8431.5	8631.9	8754.8	8802.0	8754.8	8631.9	8431.5	8150.5	7790.7	7345.5	6878.5
40°	10360.8	10601.7	10759.7	10868.9	10759.7	10601.7	10360.8	10017.3	9582.2	9051.3	8472.5
37.5°	12370.5	12623.5	12777.3	12881.8	12777.3	12623.5	12370.5	11996.4	11509.0	10928.0	10243.7
35°	14420.6	14685.4	14829.8	14910.6	14829.8	14685.4	14420.6	14000.4	13443.0	12787.4	12043.1
32.5°	16525.4	16817.2	16974.2	17136.5	16974.2	16817.2	16525.4	16036.8	15395.8	14659.8	13843.5
30°	18723.7	19058.6	19222.9	19302.0	19222.9	19058.6	18723.7	18140.2	17401.7	16582.4	15660.0
27.5°	21011.2	21428.6	21634.2	21769.7	21634.2	21428.6	21011.2	20329.9	19485.8	18559.7	17501.3
25°	23391.3	23908.6	24144.1	24354.9	24144.1	23908.6	23391.3	22595.3	21652.9	20590.0	19377.9
22.5°	25860.8	26505.0	26777.8	26927.5	26777.8	26505.0	25860.8	24926.3	23865.4	22655.1	21299.5
20°	28394.7	29164.5	29543.4	29738.5	29543.4	29164.5	28394.7	27333.1	26105.2	24707.9	23197.8
17.5°	30985.9	31943.3	32433.7	32546.4	32433.7	31943.3	30985.9	29789.4	28365.0	26775.1	25048.7
15°	33529.7	34565.3	35145.0	35357.4	35145.0	34565.3	33529.7	32180.6	30590.4	28784.6	26841.2
12.5°	35938.7	37012.1	37704.8	37828.2	37704.8	37012.1	35938.7	34477.4	32760.3	30675.5	28524.0
10°	38123.5	39235.5	40000.6	40175.0	40000.6	39235.5	38123.5	36510.2	34546.6	32335.0	29964.7
7.5°	39950.0	41170.1	42015.3	42162.4	42015.3	41170.1	39950.0	38229.9	36057.2	33674.2	31144.7
5°	41286.4	42734.9	43428.7	43602.9	43428.7	42734.9	41286.4	39408.5	37156.7	34651.1	32006.8
2.5°	42019.4	43494.0	44458.4	44347.0	44458.4	43494.0	42019.4	40144.9	37831.0	35232.2	32518.1
0°	42102.0	43644.3	44566.4	44992.5	44566.4	43644.3	42102.0	40302.2	37996.7	35433.7	32613.1
-2.5°	42019.4	43494.0	44458.4	44347.0	44458.4	43494.0	42019.4	40144.9	37831.0	35232.2	32518.1
-5°	41286.4	42734.9	43428.7	43602.9	43428.7	42734.9	41286.4	39408.5	37156.7	34651.1	32006.8
-7.5°	39950.0	41170.1	42015.3	42162.4	42015.3	41170.1	39950.0	38229.9	36057.2	33674.2	31144.7
-10°	38123.5	39235.5	40000.6	40175.0	40000.6	39235.5	38123.5	36510.2	34546.6	32335.0	29964.7
-12.5°	35938.7	37012.1	37704.8	37828.2	37704.8	37012.1	35938.7	34477.4	32760.3	30675.5	28524.0
-15°	33529.7	34565.3	35145.0	35357.4	35145.0	34565.3	33529.7	32180.6	30590.4	28784.6	26841.2
-17.5°	30985.9	31943.3	32433.7	32546.4	32433.7	31943.3	30985.9	29789.4	28365.0	26775.1	25048.7
-20°	28394.7	29164.5	29543.4	29738.5	29543.4	29164.5	28394.7	27333.1	26105.2	24707.9	23197.8



REPORT NUMBER: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	25860.8	26505.0	26777.8	26927.5	26777.8	26505.0	25860.8	24926.3	23865.4	22655.1	21299.5
-25°	23391.3	23908.6	24144.1	24354.9	24144.1	23908.6	23391.3	22595.3	21652.9	20590.0	19377.9
-27.5°	21011.2	21428.6	21634.2	21769.7	21634.2	21428.6	21011.2	20329.9	19485.8	18559.7	17501.3
-30°	18723.7	19058.6	19222.9	19302.0	19222.9	19058.6	18723.7	18140.2	17401.7	16582.4	15660.0
-32.5°	16525.4	16817.2	16974.2	17136.5	16974.2	16817.2	16525.4	16036.8	15395.8	14659.8	13843.5
-35°	14420.6	14685.4	14829.8	14910.6	14829.8	14685.4	14420.6	14000.4	13443.0	12787.4	12043.1
-37.5°	12370.5	12623.5	12777.3	12881.8	12777.3	12623.5	12370.5	11996.4	11509.0	10928.0	10243.7
-40°	10360.8	10601.7	10759.7	10868.9	10759.7	10601.7	10360.8	10017.3	9582.2	9051.3	8472.5
-42.5°	8431.5	8631.9	8754.8	8802.0	8754.8	8631.9	8431.5	8150.5	7790.7	7345.5	6878.5
-45°	6768.9	6898.1	6985.8	7037.1	6985.8	6898.1	6768.9	6584.5	6334.8	6024.6	5672.5
-47.5°	5526.2	5611.0	5673.7	5717.5	5673.7	5611.0	5526.2	5401.3	5228.4	5012.8	4764.6
-50°	4572.3	4636.3	4677.0	4693.5	4677.0	4636.3	4572.3	4479.0	4354.8	4201.2	4023.6
-52.5°	3809.8	3854.4	3887.8	3908.1	3887.8	3854.4	3809.8	3744.8	3658.8	3548.4	3414.8
-55°	3224.2	3260.8	3277.2	3275.3	3277.2	3260.8	3224.2	3171.8	3103.4	3017.2	2919.3
-57.5°	2725.3	2753.0	2767.6	2769.7	2767.6	2753.0	2725.3	2687.1	2638.8	2579.8	2509.6
-60°	2319.8	2336.6	2347.3	2350.0	2347.3	2336.6	2319.8	2294.1	2259.7	2213.5	2158.3
-62.5°	1964.2	1980.4	1988.4	1987.4	1988.4	1980.4	1964.2	1940.1	1908.8	1872.0	1833.1
-65°	1590.1	1593.2	1599.8	1602.7	1599.8	1593.2	1590.1	1581.4	1567.2	1550.6	1528.8
-67.5°	1310.5	1309.5	1312.7	1313.3	1312.7	1309.5	1310.5	1307.3	1299.9	1286.7	1266.5
-70°	1065.8	1063.3	1054.0	1039.8	1054.0	1063.3	1065.8	1067.0	1068.1	1065.5	1051.8
-72.5°	790.4	754.1	717.4	677.3	717.4	754.1	790.4	825.5	860.1	884.1	876.4
-75°	572.4	512.9	492.7	473.8	492.7	512.9	572.4	630.0	685.4	727.4	722.4
-77.5°	419.7	363.1	346.5	330.7	346.5	363.1	419.7	474.1	525.8	567.7	565.7
-80°	286.1	244.7	236.7	229.0	236.7	244.7	286.1	326.1	364.5	398.4	402.6
-82.5°	179.6	149.1	144.5	139.9	144.5	149.1	179.6	208.9	236.7	261.5	259.4
-85°	83.3	69.7	68.3	66.8	68.3	69.7	83.3	96.3	108.6	119.8	117.2
-87.5°	14.2	12.7	11.1	9.5	11.1	12.7	14.2	15.7	17.1	18.5	19.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	19.5	19.9	20.2	21.2	22.1	22.8	23.4	22.7	21.9	21.1	20.3
85°	114.3	111.1	107.6	107.6	107.0	105.7	103.4	92.7	82.5	72.9	64.5
82.5°	256.2	251.8	245.9	237.5	228.8	220.2	210.3	188.0	166.5	145.9	128.9
80°	404.9	404.9	401.0	385.3	368.9	351.7	331.0	295.7	261.5	229.7	207.3
77.5°	562.8	559.1	551.4	530.3	509.0	487.5	460.4	414.6	368.9	325.0	296.5
75°	715.7	707.7	693.9	668.1	640.2	610.0	577.6	538.0	492.7	441.3	403.8
72.5°	866.7	854.8	836.7	809.3	778.3	745.7	711.4	672.7	628.2	577.7	539.8
70°	1035.3	1016.1	991.7	960.7	928.5	894.0	858.5	818.8	772.6	722.2	682.2
67.5°	1241.4	1211.1	1176.7	1139.9	1104.7	1063.7	1021.9	976.7	929.9	876.9	826.6
65°	1497.9	1457.3	1411.4	1371.6	1324.1	1268.1	1205.2	1150.2	1096.0	1036.4	970.4
62.5°	1793.3	1753.6	1690.2	1624.9	1561.6	1497.5	1421.2	1344.4	1270.3	1195.5	1118.4
60°	2095.2	2024.0	1955.1	1880.3	1799.5	1712.8	1629.2	1541.4	1449.7	1359.7	1267.6
57.5°	2428.4	2340.4	2250.4	2153.8	2051.1	1952.6	1850.8	1741.6	1637.6	1528.7	1418.5
55°	2810.7	2704.7	2589.5	2463.3	2333.0	2215.8	2091.2	1966.2	1839.8	1702.7	1581.1
52.5°	3264.1	3131.9	2984.3	2820.6	2667.7	2512.5	2350.6	2208.7	2054.1	1901.8	1750.3
50°	3842.1	3654.6	3451.3	3244.9	3055.3	2850.4	2660.2	2473.6	2286.5	2110.1	1933.9
47.5°	4534.1	4286.1	4008.2	3752.0	3500.7	3246.8	3012.7	2765.9	2551.4	2329.3	2133.3
45°	5375.7	5045.3	4688.3	4362.8	4009.6	3703.1	3404.6	3120.8	2838.9	2588.0	2337.9
42.5°	6451.5	5970.0	5516.7	5085.0	4640.0	4236.9	3839.3	3503.0	3172.2	2861.7	2579.6
40°	7835.1	7133.7	6551.6	5931.9	5393.3	4853.5	4378.2	3912.0	3536.1	3168.3	2824.3
37.5°	9468.6	8647.6	7816.5	6968.5	6267.1	5588.8	4976.9	4428.1	3916.8	3498.6	3101.6
35°	11196.0	10268.7	9273.2	8279.8	7255.7	6434.2	5656.7	4980.4	4383.8	3844.5	3387.0
32.5°	12919.5	11901.4	10805.5	9672.2	8521.8	7371.7	6438.6	5601.0	4854.5	4240.3	3699.0
30°	14642.3	13524.9	12324.5	11086.8	9824.6	8533.9	7260.6	6282.2	5405.9	4635.4	4012.7
27.5°	16370.7	15159.8	13846.0	12484.3	11123.7	9716.2	8305.3	6985.0	5961.4	5090.8	4357.1
25°	18100.9	16746.9	15336.3	13854.2	12370.7	10874.4	9315.7	7843.7	6584.5	5546.3	4674.6
22.5°	19836.4	18316.1	16743.6	15151.4	13556.3	11957.5	10325.9	8685.0	7174.8	6009.7	5046.0
20°	21551.3	19843.7	18122.4	16396.5	14677.0	12967.2	11261.6	9509.9	7868.7	6489.5	5392.8
17.5°	23203.0	21306.1	19437.3	17566.4	15727.1	13914.4	12100.5	10271.1	8488.4	6916.5	5699.0
15°	24776.0	22706.3	20676.7	18667.7	16682.9	14736.1	12843.3	10939.5	9052.0	7361.9	6034.7
12.5°	26260.4	24001.5	21790.5	19610.0	17501.1	15460.6	13492.8	11526.2	9582.8	7795.8	6334.0
10°	27528.0	25104.6	22724.9	20425.4	18209.5	16076.8	14028.7	12022.6	10037.8	8156.8	6578.7
7.5°	28558.9	25991.7	23482.2	21069.7	18765.1	16567.5	14442.6	12403.4	10398.0	8439.0	6767.6
5°	29312.1	26644.0	24043.4	21547.2	19149.9	16924.5	14734.6	12663.9	10659.1	8639.7	6899.7
2.5°	29779.2	27038.6	24377.2	21837.3	19373.9	17139.0	14904.1	12821.4	10808.1	8750.1	6982.6
0°	29865.7	27223.2	24482.1	21868.2	19502.4	17203.3	14948.8	12878.6	10846.7	8773.4	7008.5
-2.5°	29779.2	27038.6	24377.2	21837.3	19373.9	17139.0	14904.1	12821.4	10808.1	8750.1	6982.6
-5°	29312.1	26644.0	24043.4	21547.2	19149.9	16924.5	14734.6	12663.9	10659.1	8639.7	6899.7
-7.5°	28558.9	25991.7	23482.2	21069.7	18765.1	16567.5	14442.6	12403.4	10398.0	8439.0	6767.6
-10°	27528.0	25104.6	22724.9	20425.4	18209.5	16076.8	14028.7	12022.6	10037.8	8156.8	6578.7
-12.5°	26260.4	24001.5	21790.5	19610.0	17501.1	15460.6	13492.8	11526.2	9582.8	7795.8	6334.0
-15°	24776.0	22706.3	20676.7	18667.7	16682.9	14736.1	12843.3	10939.5	9052.0	7361.9	6034.7
-17.5°	23203.0	21306.1	19437.3	17566.4	15727.1	13914.4	12100.5	10271.1	8488.4	6916.5	5699.0
-20°	21551.3	19843.7	18122.4	16396.5	14677.0	12967.2	11261.6	9509.9	7868.7	6489.5	5392.8



REPORT NUMBER: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	19836.4	18316.1	16743.6	15151.4	13556.3	11957.5	10325.9	8685.0	7174.8	6009.7	5046.0
-25°	18100.9	16746.9	15336.3	13854.2	12370.7	10874.4	9315.7	7843.7	6584.5	5546.3	4674.6
-27.5°	16370.7	15159.8	13846.0	12484.3	11123.7	9716.2	8305.3	6985.0	5961.4	5090.8	4357.1
-30°	14642.3	13524.9	12324.5	11086.8	9824.6	8533.9	7260.6	6282.2	5405.9	4635.4	4012.7
-32.5°	12919.5	11901.4	10805.5	9672.2	8521.8	7371.7	6438.6	5601.0	4854.5	4240.3	3699.0
-35°	11196.0	10268.7	9273.2	8279.8	7255.7	6434.2	5656.7	4980.4	4383.8	3844.5	3387.0
-37.5°	9468.6	8647.6	7816.5	6968.5	6267.1	5588.8	4976.9	4428.1	3916.8	3498.6	3101.6
-40°	7835.1	7133.7	6551.6	5931.9	5393.3	4853.5	4378.2	3912.0	3536.1	3168.3	2824.3
-42.5°	6451.5	5970.0	5516.7	5085.0	4640.0	4236.9	3839.3	3503.0	3172.2	2861.7	2579.6
-45°	5375.7	5045.3	4688.3	4362.8	4009.6	3703.1	3404.6	3120.8	2838.9	2588.0	2337.9
-47.5°	4534.1	4286.1	4008.2	3752.0	3500.7	3246.8	3012.7	2765.9	2551.4	2329.3	2133.3
-50°	3842.1	3654.6	3451.3	3244.9	3055.3	2850.4	2660.2	2473.6	2286.5	2110.1	1933.9
-52.5°	3264.1	3131.9	2984.3	2820.6	2667.7	2512.5	2350.6	2208.7	2054.1	1901.8	1750.3
-55°	2810.7	2704.7	2589.5	2463.3	2333.0	2215.8	2091.2	1966.2	1839.8	1702.7	1581.1
-57.5°	2428.4	2340.4	2250.4	2153.8	2051.1	1952.6	1850.8	1741.6	1637.6	1528.7	1418.5
-60°	2095.2	2024.0	1955.1	1880.3	1799.5	1712.8	1629.2	1541.4	1449.7	1359.7	1267.6
-62.5°	1793.3	1753.6	1690.2	1624.9	1561.6	1497.5	1421.2	1344.4	1270.3	1195.5	1118.4
-65°	1497.9	1457.3	1411.4	1371.6	1324.1	1268.1	1205.2	1150.2	1096.0	1036.4	970.4
-67.5°	1241.4	1211.1	1176.7	1139.9	1104.7	1063.7	1021.9	976.7	929.9	876.9	826.6
-70°	1035.3	1016.1	991.7	960.7	928.5	894.0	858.5	818.8	772.6	722.2	682.2
-72.5°	866.7	854.8	836.7	809.3	778.3	745.7	711.4	672.7	628.2	577.7	539.8
-75°	715.7	707.7	693.9	668.1	640.2	610.0	577.6	538.0	492.7	441.3	403.8
-77.5°	562.8	559.1	551.4	530.3	509.0	487.5	460.4	414.6	368.9	325.0	296.5
-80°	404.9	404.9	401.0	385.3	368.9	351.7	331.0	295.7	261.5	229.7	207.3
-82.5°	256.2	251.8	245.9	237.5	228.8	220.2	210.3	188.0	166.5	145.9	128.9
-85°	114.3	111.1	107.6	107.6	107.0	105.7	103.4	92.7	82.5	72.9	64.5
-87.5°	19.5	19.9	20.2	21.2	22.1	22.8	23.4	22.7	21.9	21.1	20.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	22.6	24.6	26.2	27.4	28.2	28.6	28.7	28.2	27.1	25.6	23.7
85°	67.4	68.8	68.5	66.5	62.1	57.4	57.4	56.5	54.2	51.2	47.4
82.5°	133.9	138.1	140.4	139.5	130.8	121.7	112.0	101.7	90.7	78.3	71.0
80°	215.1	219.9	221.5	217.8	202.4	185.9	171.6	156.9	142.4	126.0	107.8
77.5°	302.8	306.4	307.2	301.6	282.1	260.9	238.2	214.4	194.1	173.7	151.0
75°	397.0	398.2	397.4	387.1	363.2	335.9	308.4	278.7	249.0	221.4	194.1
72.5°	519.4	502.7	490.2	473.7	447.3	416.6	381.5	342.1	304.5	269.2	236.4
70°	647.4	612.1	584.7	559.5	530.2	497.8	458.9	409.4	359.0	316.3	276.3
67.5°	781.0	737.2	693.2	647.3	611.3	574.6	535.2	475.7	415.5	362.3	315.5
65°	911.1	857.1	807.3	747.5	695.2	650.6	606.0	538.6	469.8	407.9	353.7
62.5°	1042.2	969.8	907.3	842.6	779.4	724.1	673.9	597.1	521.9	451.5	390.0
60°	1176.8	1091.9	1006.9	932.2	860.9	793.8	731.2	653.9	572.3	493.1	424.3
57.5°	1316.4	1214.4	1117.2	1024.1	941.1	863.7	786.3	706.1	621.0	535.2	455.3
55°	1457.2	1342.0	1227.8	1121.2	1022.8	934.7	843.5	756.1	667.7	576.4	479.9
52.5°	1608.4	1473.3	1344.5	1219.9	1107.3	1003.9	904.7	805.0	712.2	616.0	506.8
50°	1768.4	1612.4	1465.3	1326.0	1191.2	1076.1	964.3	858.6	755.5	654.1	532.0
47.5°	1936.7	1760.0	1592.6	1433.0	1286.6	1146.0	1026.6	911.3	797.7	691.8	555.0
45°	2121.9	1911.8	1723.3	1548.0	1378.0	1225.4	1088.1	962.1	843.4	718.8	575.6
42.5°	2308.0	2075.6	1858.8	1659.4	1477.7	1305.5	1147.1	1014.9	887.4	743.5	595.9
40°	2522.7	2243.0	1995.3	1779.1	1575.9	1382.0	1215.0	1065.9	928.3	768.0	615.5
37.5°	2732.0	2423.1	2144.2	1893.3	1672.9	1468.3	1280.7	1114.3	960.6	794.7	633.3
35°	2978.5	2609.1	2285.9	2014.2	1772.8	1550.5	1342.4	1163.8	996.1	820.4	649.1
32.5°	3218.1	2798.6	2445.5	2138.0	1867.0	1628.3	1407.9	1214.4	1032.1	844.9	663.0
30°	3481.3	3004.6	2595.9	2253.8	1960.7	1708.4	1473.9	1262.1	1068.6	868.0	676.4
27.5°	3734.2	3194.5	2742.2	2376.5	2059.6	1783.2	1534.9	1306.8	1105.1	892.1	693.2
25°	3984.7	3399.6	2903.6	2493.5	2150.5	1851.4	1591.1	1348.5	1140.9	919.0	708.2
22.5°	4256.6	3598.1	3048.9	2598.6	2232.7	1913.5	1644.5	1394.2	1173.7	944.8	721.4
20°	4506.6	3777.3	3178.8	2699.2	2314.3	1980.7	1694.7	1435.0	1203.2	969.0	732.5
17.5°	4742.5	3959.5	3323.6	2808.0	2391.5	2039.9	1738.8	1471.0	1229.3	991.3	741.5
15°	4990.0	4140.5	3454.0	2902.1	2458.3	2090.9	1776.6	1501.8	1251.8	1011.3	750.1
12.5°	5201.3	4293.6	3563.5	2981.3	2514.4	2133.6	1808.2	1527.5	1270.5	1028.3	757.8
10°	5375.5	4417.9	3651.9	3045.3	2559.6	2167.9	1833.4	1548.3	1286.1	1041.5	762.0
7.5°	5511.0	4512.8	3718.7	3093.8	2594.2	2194.7	1854.3	1564.6	1298.2	1050.8	762.9
5°	5605.9	4579.1	3767.7	3127.8	2620.5	2213.9	1869.2	1575.3	1306.4	1055.8	760.7
2.5°	5655.6	4616.6	3797.9	3145.8	2635.6	2224.3	1877.6	1580.6	1310.4	1056.5	755.4
0°	5663.4	4623.6	3806.4	3148.1	2639.3	2225.9	1879.3	1580.4	1310.1	1052.5	747.3
-2.5°	5655.6	4616.6	3797.9	3145.8	2635.6	2224.3	1877.6	1580.6	1310.4	1056.5	755.4
-5°	5605.9	4579.1	3767.7	3127.8	2620.5	2213.9	1869.2	1575.3	1306.4	1055.8	760.7
-7.5°	5511.0	4512.8	3718.7	3093.8	2594.2	2194.7	1854.3	1564.6	1298.2	1050.8	762.9
-10°	5375.5	4417.9	3651.9	3045.3	2559.6	2167.9	1833.4	1548.3	1286.1	1041.5	762.0
-12.5°	5201.3	4293.6	3563.5	2981.3	2514.4	2133.6	1808.2	1527.5	1270.5	1028.3	757.8
-15°	4990.0	4140.5	3454.0	2902.1	2458.3	2090.9	1776.6	1501.8	1251.8	1011.3	750.1
-17.5°	4742.5	3959.5	3323.6	2808.0	2391.5	2039.9	1738.8	1471.0	1229.3	991.3	741.5
-20°	4506.6	3777.3	3178.8	2699.2	2314.3	1980.7	1694.7	1435.0	1203.2	969.0	732.5

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



REPORT NUMBER: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	4256.6	3598.1	3048.9	2598.6	2232.7	1913.5	1644.5	1394.2	1173.7	944.8	721.4
-25°	3984.7	3399.6	2903.6	2493.5	2150.5	1851.4	1591.1	1348.5	1140.9	919.0	708.2
-27.5°	3734.2	3194.5	2742.2	2376.5	2059.6	1783.2	1534.9	1306.8	1105.1	892.1	693.2
-30°	3481.3	3004.6	2595.9	2253.8	1960.7	1708.4	1473.9	1262.1	1068.6	868.0	676.4
-32.5°	3218.1	2798.6	2445.5	2138.0	1867.0	1628.3	1407.9	1214.4	1032.1	844.9	663.0
-35°	2978.5	2609.1	2285.9	2014.2	1772.8	1550.5	1342.4	1163.8	996.1	820.4	649.1
-37.5°	2732.0	2423.1	2144.2	1893.3	1672.9	1468.3	1280.7	1114.3	960.6	794.7	633.3
-40°	2522.7	2243.0	1995.3	1779.1	1575.9	1382.0	1215.0	1065.9	928.3	768.0	615.5
-42.5°	2308.0	2075.6	1858.8	1659.4	1477.7	1305.5	1147.1	1014.9	887.4	743.5	595.9
-45°	2121.9	1911.8	1723.3	1548.0	1378.0	1225.4	1088.1	962.1	843.4	718.8	575.6
-47.5°	1936.7	1760.0	1592.6	1433.0	1286.6	1146.0	1026.6	911.3	797.7	691.8	555.0
-50°	1768.4	1612.4	1465.3	1326.0	1191.2	1076.1	964.3	858.6	755.5	654.1	532.0
-52.5°	1608.4	1473.3	1344.5	1219.9	1107.3	1003.9	904.7	805.0	712.2	616.0	506.8
-55°	1457.2	1342.0	1227.8	1121.2	1022.8	934.7	843.5	756.1	667.7	576.4	479.9
-57.5°	1316.4	1214.4	1117.2	1024.1	941.1	863.7	786.3	706.1	621.0	535.2	455.3
-60°	1176.8	1091.9	1006.9	932.2	860.9	793.8	731.2	653.9	572.3	493.1	424.3
-62.5°	1042.2	969.8	907.3	842.6	779.4	724.1	673.9	597.1	521.9	451.5	390.0
-65°	911.1	857.1	807.3	747.5	695.2	650.6	606.0	538.6	469.8	407.9	353.7
-67.5°	781.0	737.2	693.2	647.3	611.3	574.6	535.2	475.7	415.5	362.3	315.5
-70°	647.4	612.1	584.7	559.5	530.2	497.8	458.9	409.4	359.0	316.3	276.3
-72.5°	519.4	502.7	490.2	473.7	447.3	416.6	381.5	342.1	304.5	269.2	236.4
-75°	397.0	398.2	397.4	387.1	363.2	335.9	308.4	278.7	249.0	221.4	194.1
-77.5°	302.8	306.4	307.2	301.6	282.1	260.9	238.2	214.4	194.1	173.7	151.0
-80°	215.1	219.9	221.5	217.8	202.4	185.9	171.6	156.9	142.4	126.0	107.8
-82.5°	133.9	138.1	140.4	139.5	130.8	121.7	112.0	101.7	90.7	78.3	71.0
-85°	67.4	68.8	68.5	66.5	62.1	57.4	57.4	56.5	54.2	51.2	47.4
-87.5°	22.6	24.6	26.2	27.4	28.2	28.6	28.7	28.2	27.1	25.6	23.7
-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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Scaled Data Report



REPORT NUMBER: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	21.4	16.7	12.4	8.6	5.3	2.3	0.0
85°	42.7	33.3	24.8	17.2	10.5	4.6	0.0
82.5°	63.8	49.8	37.1	25.7	15.7	6.8	0.0
80°	86.7	66.1	49.2	34.1	20.9	9.1	0.0
77.5°	123.7	86.0	61.2	42.5	26.0	11.3	0.0
75°	159.7	112.4	74.1	50.7	30.9	13.5	0.0
72.5°	194.6	138.0	91.8	58.7	35.8	15.7	0.0
70°	227.6	162.6	108.9	67.1	40.6	17.8	0.0
67.5°	256.3	186.1	125.2	77.5	45.3	19.8	0.0
65°	283.7	207.7	140.8	87.5	49.7	21.8	0.0
62.5°	309.4	227.4	155.4	96.9	54.1	23.8	0.0
60°	333.6	246.0	169.1	105.8	58.2	25.7	0.0
57.5°	355.4	263.3	181.8	114.1	63.3	27.5	0.0
55°	375.5	279.2	193.7	121.8	68.2	29.3	0.0
52.5°	394.0	293.7	204.5	128.8	72.8	30.9	0.0
50°	410.7	307.1	214.4	135.2	77.3	32.5	0.0
47.5°	426.2	319.2	223.2	141.0	81.6	34.0	0.0
45°	443.7	329.9	231.0	146.7	85.6	35.4	0.0
42.5°	459.2	339.2	237.7	151.8	89.4	36.8	0.0
40°	472.9	347.0	243.7	157.3	93.0	38.0	0.0
37.5°	484.5	353.5	249.2	163.0	96.4	39.1	0.0
35°	494.2	360.7	253.5	168.2	99.4	40.2	0.0
32.5°	503.1	367.5	256.9	172.9	102.3	41.1	0.0
30°	513.0	372.9	259.3	177.2	104.8	42.0	0.0
27.5°	521.1	376.6	264.8	181.0	107.1	42.7	0.0
25°	527.4	378.9	270.1	184.3	109.2	43.4	0.0
22.5°	531.8	381.9	274.8	187.1	111.0	43.9	0.0
20°	534.4	388.8	278.9	189.4	112.5	44.4	0.0
17.5°	540.4	394.5	282.3	191.3	113.7	44.7	0.0
15°	547.6	399.0	284.9	192.6	114.6	45.0	0.0
12.5°	552.8	402.2	286.9	193.5	115.3	45.1	0.0
10°	556.0	404.3	288.2	193.9	115.7	45.2	0.0
7.5°	557.4	405.1	288.8	193.8	115.8	45.1	0.0
5°	556.8	404.8	288.7	193.3	115.6	45.0	0.0
2.5°	554.3	403.3	287.8	192.3	115.2	44.8	0.0
0°	550.1	400.7	286.2	190.8	114.5	44.5	0.0
-2.5°	554.3	403.3	287.8	192.3	115.2	44.8	0.0
-5°	556.8	404.8	288.7	193.3	115.6	45.0	0.0
-7.5°	557.4	405.1	288.8	193.8	115.8	45.1	0.0
-10°	556.0	404.3	288.2	193.9	115.7	45.2	0.0
-12.5°	552.8	402.2	286.9	193.5	115.3	45.1	0.0
-15°	547.6	399.0	284.9	192.6	114.6	45.0	0.0
-17.5°	540.4	394.5	282.3	191.3	113.7	44.7	0.0
-20°	534.4	388.8	278.9	189.4	112.5	44.4	0.0

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REPORT NUMBER: P627953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	531.8	381.9	274.8	187.1	111.0	43.9	0.0
-25°	527.4	378.9	270.1	184.3	109.2	43.4	0.0
-27.5°	521.1	376.6	264.8	181.0	107.1	42.7	0.0
-30°	513.0	372.9	259.3	177.2	104.8	42.0	0.0
-32.5°	503.1	367.5	256.9	172.9	102.3	41.1	0.0
-35°	494.2	360.7	253.5	168.2	99.4	40.2	0.0
-37.5°	484.5	353.5	249.2	163.0	96.4	39.1	0.0
-40°	472.9	347.0	243.7	157.3	93.0	38.0	0.0
-42.5°	459.2	339.2	237.7	151.8	89.4	36.8	0.0
-45°	443.7	329.9	231.0	146.7	85.6	35.4	0.0
-47.5°	426.2	319.2	223.2	141.0	81.6	34.0	0.0
-50°	410.7	307.1	214.4	135.2	77.3	32.5	0.0
-52.5°	394.0	293.7	204.5	128.8	72.8	30.9	0.0
-55°	375.5	279.2	193.7	121.8	68.2	29.3	0.0
-57.5°	355.4	263.3	181.8	114.1	63.3	27.5	0.0
-60°	333.6	246.0	169.1	105.8	58.2	25.7	0.0
-62.5°	309.4	227.4	155.4	96.9	54.1	23.8	0.0
-65°	283.7	207.7	140.8	87.5	49.7	21.8	0.0
-67.5°	256.3	186.1	125.2	77.5	45.3	19.8	0.0
-70°	227.6	162.6	108.9	67.1	40.6	17.8	0.0
-72.5°	194.6	138.0	91.8	58.7	35.8	15.7	0.0
-75°	159.7	112.4	74.1	50.7	30.9	13.5	0.0
-77.5°	123.7	86.0	61.2	42.5	26.0	11.3	0.0
-80°	86.7	66.1	49.2	34.1	20.9	9.1	0.0
-82.5°	63.8	49.8	37.1	25.7	15.7	6.8	0.0
-85°	42.7	33.3	24.8	17.2	10.5	4.6	0.0
-87.5°	21.4	16.7	12.4	8.6	5.3	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)