

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: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-722-U-WR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

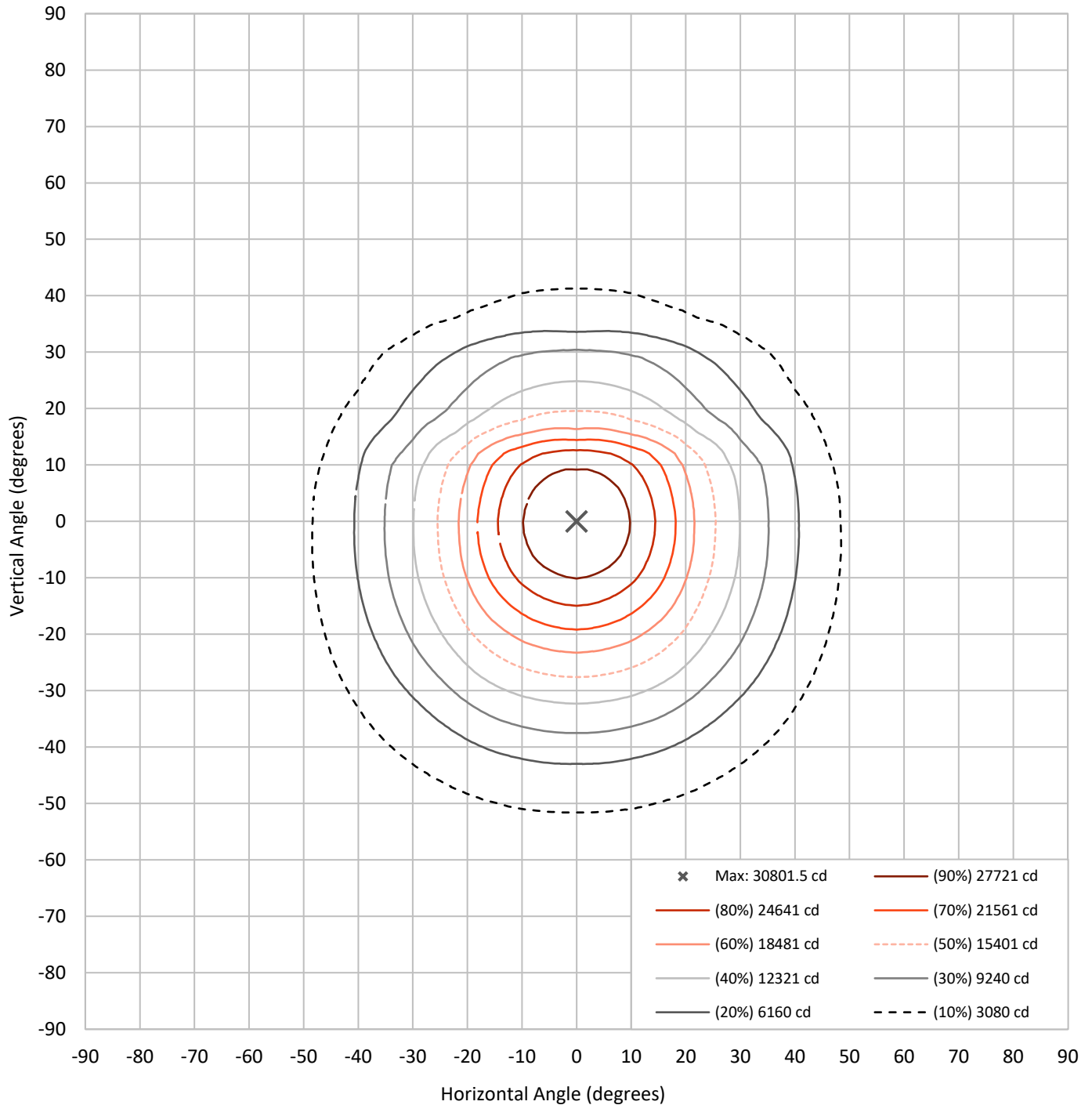
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	27173.6 lumens	Max Intensity:	30801.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	13082.8 lumens	Field Lumens:	24329.6 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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





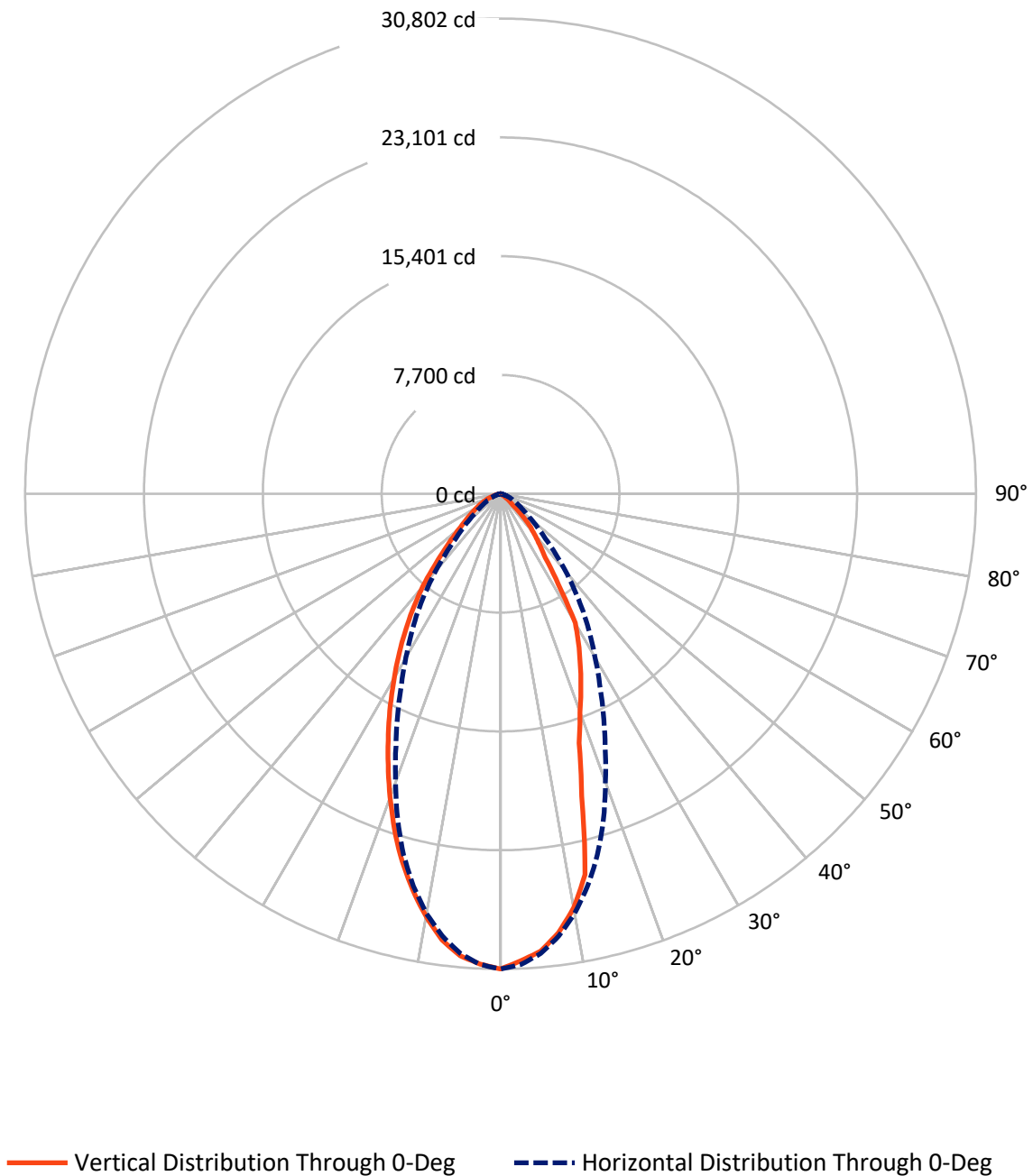
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Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1			
50		0.6	1.4	2.6	4.3	6.3	8.5	9.6	9.6	8.5	6.3	4.3	2.6	1.4	0.6				
40	1.2	2.1	5.3	11.0	20.2	33.2	47.9	58.7	58.7	47.9	33.2	20.2	11.0	5.3	2.1	1.2			
30		4.1	10.6	24.6	50.7	93.2	142.5	171.4	171.4	142.5	93.2	50.7	24.6	10.6	4.1				
20	3.0	6.5	17.2	44.6	105.6	198.2	301.6	363.5	363.5	301.6	198.2	105.6	44.6	17.2	6.5	3.0			
10		8.8	24.5	69.9	173.6	321.1	501.8	620.3	620.3	501.8	321.1	173.6	69.9	24.5	8.8				
0	4.2	10.2	30.8	90.5	228.0	425.0	682.4	865.2	865.2	682.4	425.0	228.0	90.5	30.8	10.2	4.2			
-10		10.7	32.1	93.4	231.3	431.2	689.3	870.6	870.6	689.3	431.2	231.3	93.4	32.1	10.7				
-20	4.5	10.6	30.4	83.2	205.0	378.6	583.5	720.1	720.1	583.5	378.6	205.0	83.2	30.4	10.6	4.5			
-30		9.7	26.3	65.1	152.9	285.4	425.4	510.0	510.0	425.4	285.4	152.9	65.1	26.3	9.7				
-40	3.8	8.5	21.3	47.0	96.3	177.0	267.1	318.0	318.0	267.1	177.0	96.3	47.0	21.3	8.5	3.8			
-50		7.1	16.5	32.5	57.8	92.7	133.0	158.3	158.3	133.0	92.7	57.8	32.5	16.5	7.1				
-60	2.4	5.5	12.0	21.7	35.3	50.8	65.7	74.4	74.4	65.7	50.8	35.3	21.7	12.0	5.5	2.4			
-70		3.9	8.0	13.4	20.5	27.9	34.2	37.3	37.3	34.2	27.9	20.5	13.4	8.0	3.9				
-80	0.6	7.7		19.9		35.7		32.5		35.7		19.9		7.7		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

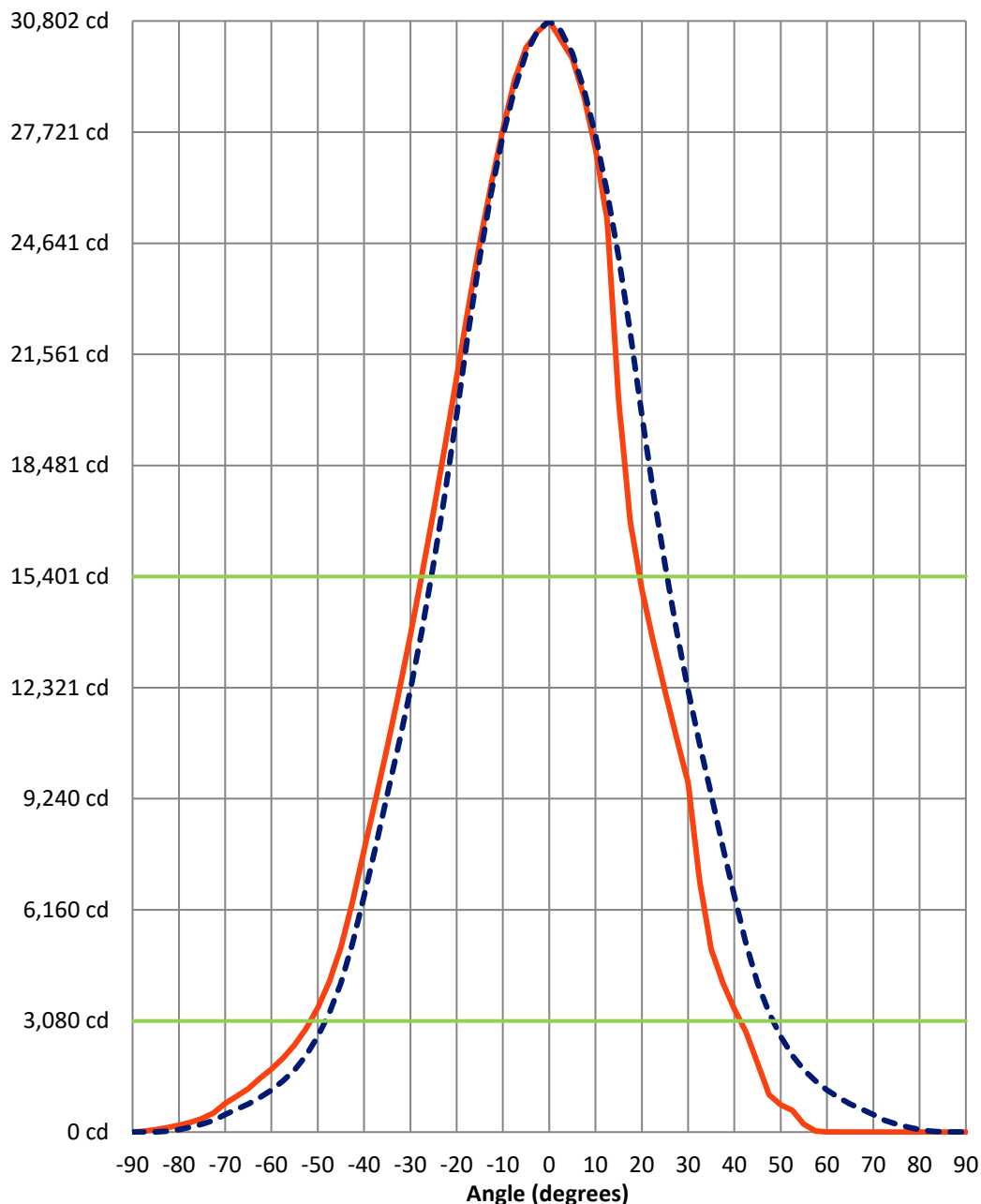
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 13082.8
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 24329.6
 Efficiency: 89.5%

Spill:
 Lumens: 2843.9
 Efficiency: 10.5%

- 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	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.2	2.2	2.2
80°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.2	2.2	2.2	2.2
77.5°	0.0	0.5	1.0	1.4	1.9	2.2	2.2	2.2	2.2	2.2	2.2
75°	0.0	0.6	1.1	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2
72.5°	0.0	0.7	1.3	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
70°	0.0	0.8	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4
67.5°	0.0	0.8	1.7	2.2	2.2	2.2	2.4	2.2	2.2	2.9	2.7
65°	0.0	0.9	1.9	2.2	2.2	2.4	2.7	2.2	3.2	3.6	4.2
62.5°	0.0	1.0	2.0	2.2	2.2	3.0	3.0	3.0	4.2	5.9	9.2
60°	0.0	1.1	2.2	2.2	2.2	3.5	3.4	4.2	5.3	14.6	15.8
57.5°	0.0	1.2	2.2	2.2	2.8	4.2	5.9	5.7	14.3	24.5	27.0
55°	0.0	1.3	2.3	2.2	3.5	4.8	9.1	8.4	26.3	37.0	41.8
52.5°	0.0	1.3	2.3	2.2	4.2	6.1	12.7	20.7	39.3	54.9	59.2
50°	0.0	1.4	2.3	2.2	4.9	9.9	16.8	34.2	54.9	74.8	90.4
47.5°	0.0	1.5	2.4	2.3	5.7	14.0	22.4	47.9	75.3	96.6	122.7
45°	0.0	1.6	2.5	3.0	6.5	18.3	34.3	61.7	95.9	125.2	154.5
42.5°	0.0	1.6	2.5	3.6	7.3	22.9	46.2	77.9	116.4	153.4	189.9
40°	0.0	1.7	2.6	4.3	9.6	27.7	58.0	95.7	137.7	180.9	226.8
37.5°	0.0	1.7	2.7	5.3	13.4	32.7	69.7	113.2	160.8	209.2	264.5
35°	0.0	1.8	2.8	6.3	17.2	40.7	81.3	130.5	184.0	243.0	305.5
32.5°	0.0	1.9	2.9	7.4	21.0	49.9	93.6	147.5	207.3	277.7	351.7
30°	0.0	1.9	3.0	8.6	24.9	58.8	107.3	164.8	230.4	313.2	398.2
27.5°	0.0	2.0	3.1	9.9	29.3	67.5	120.7	183.7	255.9	349.2	444.9
25°	0.0	2.0	3.2	11.2	33.8	75.9	133.5	202.3	285.3	387.5	491.6
22.5°	0.0	2.0	3.3	12.5	38.1	84.0	145.8	220.3	314.4	426.3	539.0
20°	0.0	2.1	3.5	13.9	42.3	91.9	157.6	237.7	342.9	464.3	584.1
17.5°	0.0	2.1	3.6	15.3	46.3	99.4	168.5	254.4	370.8	501.1	626.9
15°	0.0	2.1	3.7	16.7	50.1	106.3	178.5	269.2	397.6	536.7	667.2
12.5°	0.0	2.1	3.8	18.1	53.8	112.8	187.6	281.7	420.0	570.6	704.9
10°	0.0	2.2	4.0	19.4	57.2	118.7	195.9	292.8	437.8	590.6	734.6
7.5°	0.0	2.2	4.1	20.7	60.4	124.0	203.3	302.5	453.4	605.9	750.1
5°	0.0	2.2	4.2	22.0	63.3	128.8	209.8	310.9	466.7	618.0	762.6
2.5°	0.0	2.2	4.3	23.1	65.9	132.9	215.4	317.8	477.7	627.2	772.2
0°	0.0	2.2	4.4	24.2	68.2	136.4	220.0	323.4	486.2	633.6	778.8
-2.5°	0.0	2.3	5.1	25.7	71.3	140.7	226.0	332.7	495.7	642.8	789.1
-5°	0.0	2.5	5.7	27.1	74.1	144.3	231.0	340.5	502.7	649.3	796.4
-7.5°	0.0	2.6	6.4	28.4	76.4	147.2	234.9	346.6	507.1	653.4	800.8
-10°	0.0	2.7	7.0	29.5	78.3	149.4	237.7	351.0	509.0	655.0	802.1
-12.5°	0.0	2.8	7.5	30.5	79.8	150.9	239.3	353.5	508.4	654.0	798.4
-15°	0.0	3.0	8.1	31.3	80.7	151.6	239.8	354.0	504.7	648.3	790.6
-17.5°	0.0	3.0	8.6	31.9	81.2	151.5	239.1	353.3	498.1	640.6	779.9
-20°	0.0	3.1	9.0	32.3	81.1	150.6	238.5	351.6	490.0	630.9	766.2

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Scaled Data Report



REPORT NUMBER: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.2	9.5	32.4	80.4	149.0	238.6	348.5	480.3	619.5	749.6
-25°	0.0	3.3	9.8	32.4	79.2	148.4	237.5	343.8	469.3	606.3	730.1
-27.5°	0.0	3.3	10.1	32.2	77.4	147.8	235.2	337.7	457.1	591.0	712.0
-30°	0.0	3.3	10.3	31.8	75.1	146.2	231.8	330.2	446.3	573.9	692.7
-32.5°	0.0	3.4	10.5	31.1	74.2	143.7	227.1	324.0	435.7	555.9	671.9
-35°	0.0	3.4	10.6	30.2	72.6	140.2	222.7	317.3	423.6	537.4	649.9
-37.5°	0.0	3.3	10.7	29.0	70.5	136.5	217.6	309.1	410.1	518.4	623.9
-40°	0.0	3.3	10.6	27.7	67.7	133.2	211.4	299.6	395.3	500.6	596.2
-42.5°	0.0	3.3	10.5	26.4	65.6	129.0	203.9	288.6	381.5	477.6	566.7
-45°	0.0	3.2	10.4	25.4	64.3	124.0	195.2	277.2	367.5	452.9	536.0
-47.5°	0.0	3.1	10.1	24.0	62.4	118.1	185.3	265.6	351.7	427.4	507.7
-50°	0.0	3.0	9.8	23.6	59.8	111.4	176.7	252.5	331.0	404.1	478.4
-52.5°	0.0	2.9	9.4	23.2	56.5	103.9	167.4	238.0	310.4	379.8	448.7
-55°	0.0	2.8	9.0	22.6	52.6	97.8	157.1	222.5	289.2	354.5	420.7
-57.5°	0.0	2.7	8.5	21.7	48.1	91.2	145.8	208.7	266.9	329.0	391.7
-60°	0.0	2.5	7.9	20.5	43.1	83.6	133.7	192.1	244.1	302.5	361.9
-62.5°	0.0	2.4	7.4	19.1	40.1	75.2	122.0	173.6	221.4	275.0	331.0
-65°	0.0	2.2	6.9	17.4	36.7	66.0	109.1	154.3	197.3	246.0	299.0
-67.5°	0.0	2.0	6.3	15.5	32.8	57.8	95.2	134.8	171.9	215.3	263.5
-70°	0.0	1.8	5.7	13.3	28.5	50.7	80.2	114.6	147.8	183.2	225.3
-72.5°	0.0	1.6	5.1	11.8	23.9	43.0	68.2	93.8	123.1	154.1	186.8
-75°	0.0	1.4	4.4	10.3	19.0	34.8	56.0	76.5	97.6	124.3	152.5
-77.5°	0.0	1.2	3.7	8.7	15.7	26.2	43.1	60.1	77.5	95.9	117.3
-80°	0.0	0.9	3.0	7.0	12.7	20.1	29.8	43.4	57.7	72.6	88.3
-82.5°	0.0	0.7	2.3	5.3	9.6	15.2	22.0	29.0	37.5	49.0	61.1
-85°	0.0	0.5	1.5	3.6	6.5	10.2	14.7	19.4	24.7	30.6	37.0
-87.5°	0.0	0.2	0.8	1.8	3.2	5.1	7.4	9.7	12.4	15.3	18.6
-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°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
85°	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
77.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
72.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
70°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.8
67.5°	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.2	1.7	1.1
65°	2.2	2.2	3.0	3.2	2.3	2.2	2.2	2.2	2.3	2.0	2.0
62.5°	3.2	4.0	4.9	7.7	5.7	2.2	4.3	5.0	3.4	2.7	3.0
60°	9.6	6.6	16.9	23.5	15.3	8.1	10.0	20.0	16.4	4.5	11.7
57.5°	19.4	24.0	42.6	44.7	34.4	23.2	50.9	56.4	46.8	29.4	42.3
55°	40.5	56.9	71.9	71.1	71.5	89.9	105.6	103.7	91.4	126.1	158.8
52.5°	76.6	93.7	103.6	112.9	138.6	155.6	160.5	170.2	206.1	249.0	256.8
50°	112.4	130.0	143.1	176.6	202.9	216.4	228.9	261.8	316.0	345.4	350.2
47.5°	148.7	168.3	202.9	239.5	264.9	285.3	307.1	381.7	442.2	467.2	476.3
45°	186.5	220.4	263.6	301.2	330.7	358.3	429.0	530.9	573.5	611.9	709.7
42.5°	225.8	276.9	325.5	364.9	398.1	455.8	554.3	653.0	714.0	795.7	913.9
40°	275.9	333.1	389.5	429.5	471.0	558.5	680.4	784.9	849.4	959.1	1093.8
37.5°	326.8	393.7	454.5	496.8	555.1	673.4	816.7	941.8	1021.8	1111.2	1327.5
35°	377.1	455.5	517.9	574.5	646.6	809.7	986.3	1125.6	1224.5	1377.4	1651.2
32.5°	430.7	518.4	582.2	659.3	777.7	960.1	1177.0	1331.6	1495.6	1715.6	2154.2
30°	487.8	577.3	650.6	743.3	902.1	1115.0	1366.7	1560.9	1783.5	2140.9	2613.6
27.5°	544.7	635.9	726.3	844.2	1018.6	1248.6	1511.4	1817.7	2105.4	2505.0	3021.8
25°	599.5	695.7	800.5	943.0	1131.6	1372.3	1659.3	2012.6	2388.0	2845.2	3451.9
22.5°	651.7	756.4	879.1	1032.3	1226.9	1489.8	1832.0	2247.0	2698.1	3171.7	3868.9
20°	702.9	824.2	965.0	1136.5	1314.7	1598.1	2000.9	2503.4	3068.8	3717.6	4400.8
17.5°	753.5	891.2	1053.7	1244.3	1460.2	1750.3	2174.1	2772.4	3460.5	4304.8	5146.1
15°	803.1	956.9	1139.5	1350.8	1607.0	1953.7	2435.1	3092.7	3924.1	4935.1	5931.7
12.5°	851.1	1020.6	1221.8	1454.8	1749.4	2145.2	2681.1	3390.5	4343.2	5551.0	6775.2
10°	897.2	1081.7	1300.0	1555.2	1885.8	2323.5	2898.5	3648.1	4659.3	5904.1	7265.7
7.5°	920.6	1123.1	1366.7	1650.7	2014.5	2487.0	3087.7	3865.9	4906.3	6188.0	7553.2
5°	937.4	1142.0	1391.8	1688.9	2085.2	2598.3	3232.5	4043.9	5088.4	6401.6	7748.0
2.5°	950.3	1155.6	1410.0	1710.4	2113.1	2635.4	3280.4	4106.0	5186.0	6513.1	7861.6
0°	959.2	1163.9	1421.3	1722.7	2127.5	2653.3	3302.4	4131.8	5227.5	6538.7	7902.8
-2.5°	968.6	1175.3	1433.1	1741.9	2147.7	2677.7	3326.7	4150.1	5258.6	6545.8	7925.1
-5°	974.1	1181.4	1437.8	1751.1	2154.2	2682.3	3324.9	4132.7	5233.8	6494.4	7876.7
-7.5°	975.6	1182.1	1435.2	1749.3	2145.9	2661.5	3289.8	4081.1	5148.5	6390.5	7757.7
-10°	973.2	1176.9	1425.7	1733.4	2121.7	2618.3	3226.9	3991.8	5008.2	6218.8	7556.7
-12.5°	966.1	1165.9	1408.8	1707.5	2082.9	2556.9	3138.4	3864.3	4813.5	5980.3	7273.4
-15°	954.7	1149.5	1384.3	1671.6	2029.2	2477.8	3024.6	3699.0	4562.7	5676.9	6920.6
-17.5°	938.9	1127.7	1352.2	1625.9	1960.6	2381.8	2887.0	3505.3	4292.2	5338.4	6528.4
-20°	918.9	1100.6	1312.5	1570.4	1881.5	2280.6	2759.4	3333.9	4039.2	4950.7	6065.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	894.5	1068.3	1270.5	1517.2	1811.4	2175.6	2616.6	3139.5	3755.3	4502.7	5560.4
-25°	869.5	1037.4	1229.7	1458.0	1731.3	2056.5	2453.3	2929.6	3487.4	4171.4	5045.9
-27.5°	844.8	1001.8	1182.5	1389.7	1641.6	1933.8	2299.8	2734.0	3231.0	3812.8	4524.9
-30°	816.9	962.1	1130.5	1318.2	1555.5	1826.8	2143.2	2515.2	2957.2	3482.9	4101.9
-32.5°	786.5	919.4	1080.0	1256.2	1463.3	1710.3	1983.9	2320.5	2704.9	3138.6	3673.7
-35°	756.2	883.0	1028.4	1189.6	1364.4	1595.6	1847.1	2126.3	2453.3	2837.4	3265.3
-37.5°	727.2	843.4	973.0	1123.3	1287.3	1479.3	1701.5	1953.5	2235.0	2540.5	2910.2
-40°	694.8	800.5	923.1	1059.3	1204.4	1370.8	1571.1	1785.0	2027.4	2296.2	2581.7
-42.5°	659.5	761.2	873.0	990.3	1123.5	1272.2	1438.3	1634.0	1835.3	2060.5	2309.7
-45°	624.9	718.3	820.7	927.7	1039.7	1171.2	1322.0	1484.8	1663.3	1847.1	2056.4
-47.5°	588.6	673.9	769.2	862.4	961.7	1073.8	1201.8	1349.5	1498.4	1662.0	1824.3
-50°	552.2	632.2	712.3	799.3	888.2	981.5	1089.7	1217.2	1352.7	1488.5	1631.3
-52.5°	519.6	588.8	661.1	735.9	816.8	899.8	990.0	1095.1	1213.6	1333.2	1456.3
-55°	486.3	550.1	609.9	676.8	746.8	821.5	901.9	990.3	1079.8	1188.8	1294.7
-57.5°	453.7	510.3	562.3	619.4	681.6	745.1	817.5	892.6	973.9	1056.2	1143.0
-60°	421.1	469.2	516.3	565.7	617.9	674.4	732.7	798.7	868.3	939.8	1015.0
-62.5°	387.4	426.3	467.9	513.1	559.1	602.5	651.4	705.3	762.8	824.2	887.9
-65°	349.6	381.9	416.6	455.9	499.1	534.2	571.6	612.2	659.6	710.2	760.2
-67.5°	309.3	337.9	366.2	395.4	430.4	461.8	492.6	524.9	560.3	601.7	641.8
-70°	264.4	292.9	317.9	342.1	364.3	386.7	412.9	438.3	466.9	504.0	540.5
-72.5°	218.7	245.5	269.1	289.7	305.4	318.7	334.8	353.3	380.7	415.1	447.3
-75°	176.9	198.5	220.6	240.3	250.5	254.5	257.8	267.5	295.3	330.6	361.8
-77.5°	137.8	156.6	174.6	191.8	198.9	201.7	203.1	203.0	223.5	253.6	285.2
-80°	101.5	114.5	129.8	144.5	148.9	150.2	150.4	149.5	166.2	187.8	211.0
-82.5°	70.5	79.9	89.7	99.7	101.0	100.3	98.8	97.4	110.9	126.6	142.6
-85°	41.1	45.0	51.0	57.1	57.8	57.5	56.5	54.7	62.2	70.7	79.7
-87.5°	20.6	22.5	24.5	26.5	25.8	24.8	23.4	21.8	23.9	26.1	28.3
-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: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-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°	1.8	1.4	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.2	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.2	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.2	1.7	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.2	1.8	1.2	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.2	1.8	1.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.2	1.9	1.3	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.3	0.6	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.0	1.1	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.3	2.2	1.6	1.1	0.5	0.4	0.5	0.5	0.2	0.0	0.0
62.5°	2.8	2.8	2.0	1.9	2.0	2.2	1.8	1.5	1.5	1.6	1.8
60°	12.4	7.1	7.2	9.2	7.9	3.6	7.2	9.1	8.5	6.4	5.6
57.5°	63.1	52.9	36.9	61.9	63.8	44.4	48.2	62.9	61.0	47.1	46.9
55°	159.1	161.4	173.3	189.0	200.6	205.9	210.7	234.3	259.6	284.3	296.7
52.5°	262.8	293.6	331.8	357.1	374.8	411.0	461.7	485.0	507.6	533.4	552.0
50°	387.1	440.5	478.9	484.4	544.7	583.9	593.1	636.8	684.4	714.0	735.2
47.5°	575.8	643.4	676.8	698.2	771.6	852.0	852.1	877.2	996.4	1058.8	1088.8
45°	829.4	885.7	944.9	1098.6	1240.0	1284.8	1380.8	1510.8	1595.3	1711.5	1839.4
42.5°	1045.4	1151.2	1299.4	1468.6	1610.3	1728.2	1870.8	2027.1	2214.7	2391.3	2543.6
40°	1259.1	1390.0	1573.6	1757.7	1936.0	2099.4	2329.3	2530.2	2751.7	2994.5	3196.9
37.5°	1537.9	1705.6	1895.2	2127.3	2405.0	2586.4	2902.5	3191.3	3440.8	3734.0	3914.7
35°	1966.1	2184.7	2352.6	2821.9	3159.6	3371.8	3746.1	4220.6	4402.8	4772.1	4947.4
32.5°	2504.6	2795.0	3237.0	3858.4	4309.4	4700.0	5259.4	5741.0	6151.4	6522.3	6908.2
30°	3109.6	3557.7	4209.2	5034.8	5493.0	6040.1	6796.7	7367.6	8011.3	8717.9	8965.5
27.5°	3658.6	4329.8	5086.2	5755.0	6413.0	7094.4	7837.7	8571.3	9268.0	9856.0	10250.6
25°	4167.5	4980.3	5715.4	6430.2	7143.2	7910.5	8751.2	9583.2	10349.9	10954.9	11414.9
22.5°	4692.4	5551.1	6337.5	7062.8	7892.1	8761.6	9655.8	10610.0	11482.6	12110.2	12611.3
20°	5185.8	6140.9	7037.9	7863.7	8647.6	9651.5	10681.0	11693.2	12643.4	13391.1	13968.9
17.5°	5969.1	6798.2	7894.5	8967.3	9850.5	10772.6	12148.3	13193.0	14247.5	15142.9	15755.4
15°	6931.1	7842.8	8974.8	10448.1	11658.2	12714.7	14136.0	15835.5	17079.2	18222.2	19006.4
12.5°	7893.8	8925.0	10149.4	11807.4	13530.3	14774.8	16499.1	18652.6	20101.3	21871.0	22743.5
10°	8631.7	9926.6	11187.6	12700.6	14355.2	16127.4	17986.2	20000.9	21936.5	23456.2	24814.7
7.5°	8928.8	10308.0	11767.8	13311.5	14966.0	16795.1	18776.1	20872.6	22864.6	24562.0	26054.9
5°	9150.9	10564.0	12033.4	13611.9	15380.6	17290.6	19301.2	21502.3	23536.6	25355.9	26883.3
2.5°	9292.0	10718.4	12181.5	13786.3	15646.5	17613.2	19688.5	21947.8	24012.7	25885.6	27408.0
0°	9346.1	10751.9	12250.2	13902.5	15744.0	17715.3	19880.2	22166.1	24247.4	26058.1	27624.6
-2.5°	9353.4	10720.7	12254.7	13898.9	15660.9	17650.7	19841.7	22108.6	24147.6	25951.0	27531.5
-5°	9280.0	10646.8	12182.1	13801.4	15565.9	17540.6	19637.6	21828.1	23772.8	25527.9	27049.6
-7.5°	9131.2	10494.2	11995.5	13577.8	15294.6	17210.1	19224.2	21260.7	23168.5	24851.8	26304.0
-10°	8910.3	10244.7	11694.0	13235.7	14860.2	16682.2	18602.6	20548.4	22337.5	23894.1	25237.0
-12.5°	8611.3	9914.8	11298.9	12770.6	14282.8	16019.9	17833.2	19660.4	21291.1	22712.2	23917.1
-15°	8222.9	9496.0	10836.2	12228.0	13694.5	15265.3	16892.7	18568.7	20072.6	21332.9	22433.6
-17.5°	7765.4	9000.1	10272.9	11563.2	12954.5	14428.3	15939.0	17443.5	18726.2	19845.8	20852.3
-20°	7255.3	8444.9	9653.9	10856.8	12119.1	13482.2	14877.4	16199.0	17319.9	18337.2	19258.2



REPORT NUMBER: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6683.4	7822.1	8980.8	10106.5	11244.9	12479.1	13725.1	14920.3	15968.7	16839.0	17639.4
-25°	6071.2	7123.4	8217.5	9272.9	10320.7	11426.7	12558.5	13658.1	14580.8	15336.4	15997.8
-27.5°	5454.2	6415.7	7379.8	8373.4	9341.8	10362.4	11387.1	12336.8	13165.3	13861.0	14416.7
-30°	4805.8	5665.4	6545.8	7444.8	8369.5	9303.5	10229.3	11060.9	11784.1	12396.0	12876.3
-32.5°	4266.9	4919.9	5697.2	6513.3	7380.2	8231.1	9036.5	9794.5	10475.9	11010.2	11417.5
-35°	3750.4	4303.4	4885.5	5607.9	6352.6	7135.7	7876.6	8553.1	9160.5	9627.4	10010.5
-37.5°	3306.4	3743.7	4236.0	4751.7	5376.1	6023.5	6692.1	7328.3	7870.0	8277.3	8619.5
-40°	2922.1	3267.4	3660.7	4069.5	4528.9	4994.0	5576.2	6113.1	6555.2	6935.9	7246.0
-42.5°	2574.6	2866.0	3156.5	3491.8	3838.4	4212.3	4620.9	5018.0	5357.3	5675.9	5939.3
-45°	2274.7	2507.4	2739.0	2998.0	3252.5	3556.6	3848.4	4108.8	4383.7	4622.3	4810.0
-47.5°	2012.4	2193.9	2392.4	2586.2	2790.5	3019.5	3236.8	3435.0	3636.3	3810.8	3950.7
-50°	1779.3	1929.8	2091.8	2244.1	2409.4	2576.8	2737.5	2895.1	3048.1	3180.8	3284.1
-52.5°	1575.3	1706.8	1833.0	1954.3	2085.7	2209.7	2326.0	2456.1	2575.7	2680.3	2751.0
-55°	1401.6	1509.0	1612.4	1713.7	1813.1	1907.0	1999.7	2100.8	2193.1	2276.2	2328.8
-57.5°	1238.5	1329.9	1417.5	1500.2	1579.0	1653.7	1731.8	1809.5	1880.6	1943.3	1984.0
-60°	1090.1	1164.7	1240.5	1308.0	1371.6	1431.3	1497.0	1559.2	1616.6	1664.9	1693.0
-62.5°	954.0	1021.0	1077.0	1130.4	1184.5	1238.3	1285.0	1330.9	1375.2	1412.5	1437.1
-65°	811.9	868.6	916.2	959.1	997.9	1039.6	1079.4	1115.4	1147.5	1171.8	1187.3
-67.5°	684.7	726.5	764.7	798.7	833.3	866.7	897.3	924.7	948.7	965.7	976.8
-70°	574.2	606.1	637.4	668.4	699.2	725.2	747.4	767.8	786.3	794.0	797.5
-72.5°	477.2	505.5	532.9	560.3	585.9	606.2	622.6	637.5	651.0	639.4	619.1
-75°	389.2	414.1	439.7	463.8	486.4	502.0	514.1	525.3	535.4	510.3	475.6
-77.5°	317.1	339.0	358.0	376.8	395.4	405.4	413.0	420.6	427.8	399.7	364.3
-80°	235.3	252.9	269.0	284.9	300.4	306.3	309.7	312.0	313.3	289.3	261.5
-82.5°	159.0	168.1	177.0	186.2	195.6	200.6	204.3	207.2	209.2	192.2	172.9
-85°	89.1	91.8	94.0	95.8	97.4	100.5	103.4	106.2	108.7	100.6	91.6
-87.5°	30.6	30.6	30.5	30.3	29.9	30.0	30.0	29.9	29.8	28.5	27.1
-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: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5
62.5°	2.0	2.1	2.2	2.2	2.2	2.1	2.0	1.8	1.6	1.5	1.5
60°	4.3	2.7	2.2	2.2	2.2	2.7	4.3	5.6	6.4	8.5	9.1
57.5°	43.8	38.2	34.3	30.8	34.3	38.2	43.8	46.9	47.1	61.0	62.9
55°	291.4	271.3	246.7	217.8	246.7	271.3	291.4	296.7	284.3	259.6	234.3
52.5°	571.6	590.6	601.6	600.6	601.6	590.6	571.6	552.0	533.4	507.6	485.0
50°	752.3	762.7	763.2	754.6	763.2	762.7	752.3	735.2	714.0	684.4	636.8
47.5°	1102.4	1087.9	1063.1	1036.3	1063.1	1087.9	1102.4	1088.8	1058.8	996.4	877.2
45°	1923.5	1969.8	1966.8	1907.5	1966.8	1969.8	1923.5	1839.4	1711.5	1595.3	1510.8
42.5°	2628.6	2698.0	2747.2	2772.1	2747.2	2698.0	2628.6	2543.6	2391.3	2214.7	2027.1
40°	3310.9	3378.0	3407.5	3405.8	3407.5	3378.0	3310.9	3196.9	2994.5	2751.7	2530.2
37.5°	4031.8	4118.6	4160.6	4140.6	4160.6	4118.6	4031.8	3914.7	3734.0	3440.8	3191.3
35°	5023.3	5104.4	5106.0	5064.7	5106.0	5104.4	5023.3	4947.4	4772.1	4402.8	4220.6
32.5°	7214.5	7241.7	7033.0	6958.9	7033.0	7241.7	7214.5	6908.2	6522.3	6151.4	5741.0
30°	9211.8	9404.4	9583.5	9673.9	9583.5	9404.4	9211.8	8965.5	8717.9	8011.3	7367.6
27.5°	10548.1	10779.7	10923.2	10932.3	10923.2	10779.7	10548.1	10250.6	9856.0	9268.0	8571.3
25°	11763.4	12022.5	12179.0	12232.6	12179.0	12022.5	11763.4	11414.9	10954.9	10349.9	9583.2
22.5°	13036.7	13342.0	13544.3	13585.7	13544.3	13342.0	13036.7	12611.3	12110.2	11482.6	10610.0
20°	14514.0	14869.4	15063.3	15055.4	15063.3	14869.4	14514.0	13968.9	13391.1	12643.4	11693.2
17.5°	16458.9	16840.0	17007.5	16934.2	17007.5	16840.0	16458.9	15755.4	15142.9	14247.5	13193.0
15°	19811.3	20608.6	20605.4	20287.2	20605.4	20608.6	19811.3	19006.4	18222.2	17079.2	15835.5
12.5°	23946.6	24540.8	25150.4	25281.5	25150.4	24540.8	23946.6	22743.5	21871.0	20101.3	18652.6
10°	25958.8	26747.9	27268.7	27255.0	27268.7	26747.9	25958.8	24814.7	23456.2	21936.5	20000.9
7.5°	27217.8	28089.5	28720.6	28707.0	28720.6	28089.5	27217.8	26054.9	24562.0	22864.6	20872.6
5°	28189.2	29156.1	29715.1	29756.5	29715.1	29156.1	28189.2	26883.3	25355.9	23536.6	21502.3
2.5°	28693.9	29703.1	30375.2	30286.7	30375.2	29703.1	28693.9	27408.0	25885.6	24012.7	21947.8
0°	28905.0	29903.9	30530.9	30801.5	30530.9	29903.9	28905.0	27624.6	26058.1	24247.4	22166.1
-2.5°	28812.9	29784.8	30477.7	30504.5	30477.7	29784.8	28812.9	27531.5	25951.0	24147.6	22108.6
-5°	28319.2	29344.8	29809.1	30055.7	29809.1	29344.8	28319.2	27049.6	25527.9	23772.8	21828.1
-7.5°	27523.0	28291.7	28881.4	29153.7	28881.4	28291.7	27523.0	26304.0	24851.8	23168.5	21260.7
-10°	26283.9	27079.7	27578.0	27802.8	27578.0	27079.7	26283.9	25237.0	23894.1	22337.5	20548.4
-12.5°	24911.3	25634.4	26108.2	26297.9	26108.2	25634.4	24911.3	23917.1	22712.2	21291.1	19660.4
-15°	23379.8	24036.4	24472.5	24654.4	24472.5	24036.4	23379.8	22433.6	21332.9	20072.6	18568.7
-17.5°	21694.0	22269.3	22703.8	22834.9	22703.8	22269.3	21694.0	20852.3	19845.8	18726.2	17443.5
-20°	19960.5	20480.6	20838.5	20916.4	20838.5	20480.6	19960.5	19258.2	18337.2	17319.9	16199.0



REPORT NUMBER: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18213.9	18642.4	18933.1	19031.0	18933.1	18642.4	18213.9	17639.4	16839.0	15968.7	14920.3
-25°	16506.9	16876.7	17110.7	17198.3	17110.7	16876.7	16506.9	15997.8	15336.4	14580.8	13658.1
-27.5°	14865.2	15209.9	15424.9	15453.6	15424.9	15209.9	14865.2	14416.7	13861.0	13165.3	12336.8
-30°	13249.8	13534.6	13700.3	13770.5	13700.3	13534.6	13249.8	12876.3	12396.0	11784.1	11060.9
-32.5°	11740.2	11988.9	12137.8	12177.6	12137.8	11988.9	11740.2	11417.5	11010.2	10475.9	9794.5
-35°	10315.1	10544.8	10676.7	10666.1	10676.7	10544.8	10315.1	10010.5	9627.4	9160.5	8553.1
-37.5°	8902.4	9114.4	9234.1	9222.9	9234.1	9114.4	8902.4	8619.5	8277.3	7870.0	7328.3
-40°	7501.0	7683.8	7789.2	7814.8	7789.2	7683.8	7501.0	7246.0	6935.9	6555.2	6113.1
-42.5°	6158.2	6327.0	6411.4	6378.1	6411.4	6327.0	6158.2	5939.3	5675.9	5357.3	5018.0
-45°	4941.4	5028.7	5086.1	5121.9	5086.1	5028.7	4941.4	4810.0	4622.3	4383.7	4108.8
-47.5°	4053.2	4125.5	4164.6	4171.4	4164.6	4125.5	4053.2	3950.7	3810.8	3636.3	3435.0
-50°	3364.4	3426.0	3453.2	3445.4	3453.2	3426.0	3364.4	3284.1	3180.8	3048.1	2895.1
-52.5°	2801.8	2837.5	2861.6	2873.3	2861.6	2837.5	2801.8	2751.0	2680.3	2575.7	2456.1
-55°	2368.4	2396.2	2412.4	2417.9	2412.4	2396.2	2368.4	2328.8	2276.2	2193.1	2100.8
-57.5°	2017.9	2044.4	2054.0	2050.5	2054.0	2044.4	2017.9	1984.0	1943.3	1880.6	1809.5
-60°	1714.7	1729.8	1741.1	1746.9	1741.1	1729.8	1714.7	1693.0	1664.9	1616.6	1559.2
-62.5°	1456.6	1470.8	1482.6	1489.5	1482.6	1470.8	1456.6	1437.1	1412.5	1375.2	1330.9
-65°	1198.1	1204.4	1206.2	1203.5	1206.2	1204.4	1198.1	1187.3	1171.8	1147.5	1115.4
-67.5°	985.1	990.3	993.8	994.4	993.8	990.3	985.1	976.8	965.7	948.7	924.7
-70°	800.8	803.0	800.4	794.2	800.4	803.0	800.8	797.5	794.0	786.3	767.8
-72.5°	598.2	576.3	554.4	530.2	554.4	576.3	598.2	619.1	639.4	651.0	637.5
-75°	439.8	402.7	389.2	376.2	389.2	402.7	439.8	475.6	510.3	535.4	525.3
-77.5°	327.1	288.5	278.1	268.4	278.1	288.5	327.1	364.3	399.7	427.8	420.6
-80°	232.4	202.3	195.6	189.2	195.6	202.3	232.4	261.5	289.3	313.3	312.0
-82.5°	152.7	131.7	127.5	123.2	127.5	131.7	152.7	172.9	192.2	209.2	207.2
-85°	82.2	72.3	70.3	68.2	70.3	72.3	82.2	91.6	100.6	108.7	106.2
-87.5°	25.6	24.1	24.2	24.2	24.2	24.1	25.6	27.1	28.5	29.8	29.9
-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: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-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°	0.0	0.0	0.0	0.5	1.0	1.4	1.8	1.7	1.7	1.6	1.6
85°	0.0	0.0	0.0	0.6	1.1	1.7	2.2	2.2	2.2	2.2	2.2
82.5°	0.0	0.0	0.0	0.6	1.1	1.7	2.2	2.2	2.2	2.2	2.2
80°	0.0	0.0	0.1	0.6	1.2	1.7	2.2	2.2	2.2	2.2	2.2
77.5°	0.0	0.0	0.1	0.7	1.2	1.8	2.2	2.2	2.2	2.2	2.2
75°	0.0	0.0	0.2	0.7	1.3	1.8	2.2	2.2	2.2	2.2	2.2
72.5°	0.0	0.0	0.2	0.6	1.3	1.9	2.2	2.2	2.2	2.2	2.2
70°	0.0	0.0	0.1	0.1	0.2	0.6	1.3	1.8	2.1	2.2	2.2
67.5°	0.0	0.0	0.4	0.9	1.1	1.1	1.0	1.1	1.7	2.2	2.2
65°	0.5	0.4	0.5	1.1	1.6	2.2	2.3	2.0	2.0	2.3	2.2
62.5°	1.8	2.2	2.0	1.9	2.0	2.8	2.8	3.0	2.7	3.4	5.0
60°	7.2	3.6	7.9	9.2	7.2	7.1	12.4	11.7	4.5	16.4	20.0
57.5°	48.2	44.4	63.8	61.9	36.9	52.9	63.1	42.3	29.4	46.8	56.4
55°	210.7	205.9	200.6	189.0	173.3	161.4	159.1	158.8	126.1	91.4	103.7
52.5°	461.7	411.0	374.8	357.1	331.8	293.6	262.8	256.8	249.0	206.1	170.2
50°	593.1	583.9	544.7	484.4	478.9	440.5	387.1	350.2	345.4	316.0	261.8
47.5°	852.1	852.0	771.6	698.2	676.8	643.4	575.8	476.3	467.2	442.2	381.7
45°	1380.8	1284.8	1240.0	1098.6	944.9	885.7	829.4	709.7	611.9	573.5	530.9
42.5°	1870.8	1728.2	1610.3	1468.6	1299.4	1151.2	1045.4	913.9	795.7	714.0	653.0
40°	2329.3	2099.4	1936.0	1757.7	1573.6	1390.0	1259.1	1093.8	959.1	849.4	784.9
37.5°	2902.5	2586.4	2405.0	2127.3	1895.2	1705.6	1537.9	1327.5	1111.2	1021.8	941.8
35°	3746.1	3371.8	3159.6	2821.9	2352.6	2184.7	1966.1	1651.2	1377.4	1224.5	1125.6
32.5°	5259.4	4700.0	4309.4	3858.4	3237.0	2795.0	2504.6	2154.2	1715.6	1495.6	1331.6
30°	6796.7	6040.1	5493.0	5034.8	4209.2	3557.7	3109.6	2613.6	2140.9	1783.5	1560.9
27.5°	7837.7	7094.4	6413.0	5755.0	5086.2	4329.8	3658.6	3021.8	2505.0	2105.4	1817.7
25°	8751.2	7910.5	7143.2	6430.2	5715.4	4980.3	4167.5	3451.9	2845.2	2388.0	2012.6
22.5°	9655.8	8761.6	7892.1	7062.8	6337.5	5551.1	4692.4	3868.9	3171.7	2698.1	2247.0
20°	10681.0	9651.5	8647.6	7863.7	7037.9	6140.9	5185.8	4400.8	3717.6	3068.8	2503.4
17.5°	12148.3	10772.6	9850.5	8967.3	7894.5	6798.2	5969.1	5146.1	4304.8	3460.5	2772.4
15°	14136.0	12714.7	11658.2	10448.1	8974.8	7842.8	6931.1	5931.7	4935.1	3924.1	3092.7
12.5°	16499.1	14774.8	13530.3	11807.4	10149.4	8925.0	7893.8	6775.2	5551.0	4343.2	3390.5
10°	17986.2	16127.4	14355.2	12700.6	11187.6	9926.6	8631.7	7265.7	5904.1	4659.3	3648.1
7.5°	18776.1	16795.1	14966.0	13311.5	11767.8	10308.0	8928.8	7553.2	6188.0	4906.3	3865.9
5°	19301.2	17290.6	15380.6	13611.9	12033.4	10564.0	9150.9	7748.0	6401.6	5088.4	4043.9
2.5°	19688.5	17613.2	15646.5	13786.3	12181.5	10718.4	9292.0	7861.6	6513.1	5186.0	4106.0
0°	19880.2	17715.3	15744.0	13902.5	12250.2	10751.9	9346.1	7902.8	6538.7	5227.5	4131.8
-2.5°	19841.7	17650.7	15660.9	13898.9	12254.7	10720.7	9353.4	7925.1	6545.8	5258.6	4150.1
-5°	19637.6	17540.6	15565.9	13801.4	12182.1	10646.8	9280.0	7876.7	6494.4	5233.8	4132.7
-7.5°	19224.2	17210.1	15294.6	13577.8	11995.5	10494.2	9131.2	7757.7	6390.5	5148.5	4081.1
-10°	18602.6	16682.2	14860.2	13235.7	11694.0	10244.7	8910.3	7556.7	6218.8	5008.2	3991.8
-12.5°	17833.2	16019.9	14282.8	12770.6	11298.9	9914.8	8611.3	7273.4	5980.3	4813.5	3864.3
-15°	16892.7	15265.3	13694.5	12228.0	10836.2	9496.0	8222.9	6920.6	5676.9	4562.7	3699.0
-17.5°	15939.0	14428.3	12954.5	11563.2	10272.9	9000.1	7765.4	6528.4	5338.4	4292.2	3505.3
-20°	14877.4	13482.2	12119.1	10856.8	9653.9	8444.9	7255.3	6065.6	4950.7	4039.2	3333.9



REPORT NUMBER: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13725.1	12479.1	11244.9	10106.5	8980.8	7822.1	6683.4	5560.4	4502.7	3755.3	3139.5
-25°	12558.5	11426.7	10320.7	9272.9	8217.5	7123.4	6071.2	5045.9	4171.4	3487.4	2929.6
-27.5°	11387.1	10362.4	9341.8	8373.4	7379.8	6415.7	5454.2	4524.9	3812.8	3231.0	2734.0
-30°	10229.3	9303.5	8369.5	7444.8	6545.8	5665.4	4805.8	4101.9	3482.9	2957.2	2515.2
-32.5°	9036.5	8231.1	7380.2	6513.3	5697.2	4919.9	4266.9	3673.7	3138.6	2704.9	2320.5
-35°	7876.6	7135.7	6352.6	5607.9	4885.5	4303.4	3750.4	3265.3	2837.4	2453.3	2126.3
-37.5°	6692.1	6023.5	5376.1	4751.7	4236.0	3743.7	3306.4	2910.2	2540.5	2235.0	1953.5
-40°	5576.2	4994.0	4528.9	4069.5	3660.7	3267.4	2922.1	2581.7	2296.2	2027.4	1785.0
-42.5°	4620.9	4212.3	3838.4	3491.8	3156.5	2866.0	2574.6	2309.7	2060.5	1835.3	1634.0
-45°	3848.4	3556.6	3252.5	2998.0	2739.0	2507.4	2274.7	2056.4	1847.1	1663.3	1484.8
-47.5°	3236.8	3019.5	2790.5	2586.2	2392.4	2193.9	2012.4	1824.3	1662.0	1498.4	1349.5
-50°	2737.5	2576.8	2409.4	2244.1	2091.8	1929.8	1779.3	1631.3	1488.5	1352.7	1217.2
-52.5°	2326.0	2209.7	2085.7	1954.3	1833.0	1706.8	1575.3	1456.3	1333.2	1213.6	1095.1
-55°	1999.7	1907.0	1813.1	1713.7	1612.4	1509.0	1401.6	1294.7	1188.8	1079.8	990.3
-57.5°	1731.8	1653.7	1579.0	1500.2	1417.5	1329.9	1238.5	1143.0	1056.2	973.9	892.6
-60°	1497.0	1431.3	1371.6	1308.0	1240.5	1164.7	1090.1	1015.0	939.8	868.3	798.7
-62.5°	1285.0	1238.3	1184.5	1130.4	1077.0	1021.0	954.0	887.9	824.2	762.8	705.3
-65°	1079.4	1039.6	997.9	959.1	916.2	868.6	811.9	760.2	710.2	659.6	612.2
-67.5°	897.3	866.7	833.3	798.7	764.7	726.5	684.7	641.8	601.7	560.3	524.9
-70°	747.4	725.2	699.2	668.4	637.4	606.1	574.2	540.5	504.0	466.9	438.3
-72.5°	622.6	606.2	585.9	560.3	532.9	505.5	477.2	447.3	415.1	380.7	353.3
-75°	514.1	502.0	486.4	463.8	439.7	414.1	389.2	361.8	330.6	295.3	267.5
-77.5°	413.0	405.4	395.4	376.8	358.0	339.0	317.1	285.2	253.6	223.5	203.0
-80°	309.7	306.3	300.4	284.9	269.0	252.9	235.3	211.0	187.8	166.2	149.5
-82.5°	204.3	200.6	195.6	186.2	177.0	168.1	159.0	142.6	126.6	110.9	97.4
-85°	103.4	100.5	97.4	95.8	94.0	91.8	89.1	79.7	70.7	62.2	54.7
-87.5°	30.0	30.0	29.9	30.3	30.5	30.6	30.6	28.3	26.1	23.9	21.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-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°	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.9	1.7	1.5	1.3
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
77.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
72.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
70°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4	2.2	2.2	2.2
67.5°	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.7	2.9	2.2	2.2
65°	2.2	2.2	2.3	3.2	3.0	2.2	2.2	4.2	3.6	3.2	2.2
62.5°	4.3	2.2	5.7	7.7	4.9	4.0	3.2	9.2	5.9	4.2	3.0
60°	10.0	8.1	15.3	23.5	16.9	6.6	9.6	15.8	14.6	5.3	4.2
57.5°	50.9	23.2	34.4	44.7	42.6	24.0	19.4	27.0	24.5	14.3	5.7
55°	105.6	89.9	71.5	71.1	71.9	56.9	40.5	41.8	37.0	26.3	8.4
52.5°	160.5	155.6	138.6	112.9	103.6	93.7	76.6	59.2	54.9	39.3	20.7
50°	228.9	216.4	202.9	176.6	143.1	130.0	112.4	90.4	74.8	54.9	34.2
47.5°	307.1	285.3	264.9	239.5	202.9	168.3	148.7	122.7	96.6	75.3	47.9
45°	429.0	358.3	330.7	301.2	263.6	220.4	186.5	154.5	125.2	95.9	61.7
42.5°	554.3	455.8	398.1	364.9	325.5	276.9	225.8	189.9	153.4	116.4	77.9
40°	680.4	558.5	471.0	429.5	389.5	333.1	275.9	226.8	180.9	137.7	95.7
37.5°	816.7	673.4	555.1	496.8	454.5	393.7	326.8	264.5	209.2	160.8	113.2
35°	986.3	809.7	646.6	574.5	517.9	455.5	377.1	305.5	243.0	184.0	130.5
32.5°	1177.0	960.1	777.7	659.3	582.2	518.4	430.7	351.7	277.7	207.3	147.5
30°	1366.7	1115.0	902.1	743.3	650.6	577.3	487.8	398.2	313.2	230.4	164.8
27.5°	1511.4	1248.6	1018.6	844.2	726.3	635.9	544.7	444.9	349.2	255.9	183.7
25°	1659.3	1372.3	1131.6	943.0	800.5	695.7	599.5	491.6	387.5	285.3	202.3
22.5°	1832.0	1489.8	1226.9	1032.3	879.1	756.4	651.7	539.0	426.3	314.4	220.3
20°	2000.9	1598.1	1314.7	1136.5	965.0	824.2	702.9	584.1	464.3	342.9	237.7
17.5°	2174.1	1750.3	1460.2	1244.3	1053.7	891.2	753.5	626.9	501.1	370.8	254.4
15°	2435.1	1953.7	1607.0	1350.8	1139.5	956.9	803.1	667.2	536.7	397.6	269.2
12.5°	2681.1	2145.2	1749.4	1454.8	1221.8	1020.6	851.1	704.9	570.6	420.0	281.7
10°	2898.5	2323.5	1885.8	1555.2	1300.0	1081.7	897.2	734.6	590.6	437.8	292.8
7.5°	3087.7	2487.0	2014.5	1650.7	1366.7	1123.1	920.6	750.1	605.9	453.4	302.5
5°	3232.5	2598.3	2085.2	1688.9	1391.8	1142.0	937.4	762.6	618.0	466.7	310.9
2.5°	3280.4	2635.4	2113.1	1710.4	1410.0	1155.6	950.3	772.2	627.2	477.7	317.8
0°	3302.4	2653.3	2127.5	1722.7	1421.3	1163.9	959.2	778.8	633.6	486.2	323.4
-2.5°	3326.7	2677.7	2147.7	1741.9	1433.1	1175.3	968.6	789.1	642.8	495.7	332.7
-5°	3324.9	2682.3	2154.2	1751.1	1437.8	1181.4	974.1	796.4	649.3	502.7	340.5
-7.5°	3289.8	2661.5	2145.9	1749.3	1435.2	1182.1	975.6	800.8	653.4	507.1	346.6
-10°	3226.9	2618.3	2121.7	1733.4	1425.7	1176.9	973.2	802.1	655.0	509.0	351.0
-12.5°	3138.4	2556.9	2082.9	1707.5	1408.8	1165.9	966.1	798.4	654.0	508.4	353.5
-15°	3024.6	2477.8	2029.2	1671.6	1384.3	1149.5	954.7	790.6	648.3	504.7	354.0
-17.5°	2887.0	2381.8	1960.6	1625.9	1352.2	1127.7	938.9	779.9	640.6	498.1	353.3
-20°	2759.4	2280.6	1881.5	1570.4	1312.5	1100.6	918.9	766.2	630.9	490.0	351.6

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2616.6	2175.6	1811.4	1517.2	1270.5	1068.3	894.5	749.6	619.5	480.3	348.5
-25°	2453.3	2056.5	1731.3	1458.0	1229.7	1037.4	869.5	730.1	606.3	469.3	343.8
-27.5°	2299.8	1933.8	1641.6	1389.7	1182.5	1001.8	844.8	712.0	591.0	457.1	337.7
-30°	2143.2	1826.8	1555.5	1318.2	1130.5	962.1	816.9	692.7	573.9	446.3	330.2
-32.5°	1983.9	1710.3	1463.3	1256.2	1080.0	919.4	786.5	671.9	555.9	435.7	324.0
-35°	1847.1	1595.6	1364.4	1189.6	1028.4	883.0	756.2	649.9	537.4	423.6	317.3
-37.5°	1701.5	1479.3	1287.3	1123.3	973.0	843.4	727.2	623.9	518.4	410.1	309.1
-40°	1571.1	1370.8	1204.4	1059.3	923.1	800.5	694.8	596.2	500.6	395.3	299.6
-42.5°	1438.3	1272.2	1123.5	990.3	873.0	761.2	659.5	566.7	477.6	381.5	288.6
-45°	1322.0	1171.2	1039.7	927.7	820.7	718.3	624.9	536.0	452.9	367.5	277.2
-47.5°	1201.8	1073.8	961.7	862.4	769.2	673.9	588.6	507.7	427.4	351.7	265.6
-50°	1089.7	981.5	888.2	799.3	712.3	632.2	552.2	478.4	404.1	331.0	252.5
-52.5°	990.0	899.8	816.8	735.9	661.1	588.8	519.6	448.7	379.8	310.4	238.0
-55°	901.9	821.5	746.8	676.8	609.9	550.1	486.3	420.7	354.5	289.2	222.5
-57.5°	817.5	745.1	681.6	619.4	562.3	510.3	453.7	391.7	329.0	266.9	208.7
-60°	732.7	674.4	617.9	565.7	516.3	469.2	421.1	361.9	302.5	244.1	192.1
-62.5°	651.4	602.5	559.1	513.1	467.9	426.3	387.4	331.0	275.0	221.4	173.6
-65°	571.6	534.2	499.1	455.9	416.6	381.9	349.6	299.0	246.0	197.3	154.3
-67.5°	492.6	461.8	430.4	395.4	366.2	337.9	309.3	263.5	215.3	171.9	134.8
-70°	412.9	386.7	364.3	342.1	317.9	292.9	264.4	225.3	183.2	147.8	114.6
-72.5°	334.8	318.7	305.4	289.7	269.1	245.5	218.7	186.8	154.1	123.1	93.8
-75°	257.8	254.5	250.5	240.3	220.6	198.5	176.9	152.5	124.3	97.6	76.5
-77.5°	203.1	201.7	198.9	191.8	174.6	156.6	137.8	117.3	95.9	77.5	60.1
-80°	150.4	150.2	148.9	144.5	129.8	114.5	101.5	88.3	72.6	57.7	43.4
-82.5°	98.8	100.3	101.0	99.7	89.7	79.9	70.5	61.1	49.0	37.5	29.0
-85°	56.5	57.5	57.8	57.1	51.0	45.0	41.1	37.0	30.6	24.7	19.4
-87.5°	23.4	24.8	25.8	26.5	24.5	22.5	20.6	18.6	15.3	12.4	9.7
-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: P627912 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
80°	2.2	1.9	1.5	1.1	0.8	0.4	0.0
77.5°	2.2	2.2	1.9	1.4	1.0	0.5	0.0
75°	2.2	2.2	2.2	1.7	1.1	0.6	0.0
72.5°	2.2	2.2	2.2	2.0	1.3	0.7	0.0
70°	2.2	2.2	2.2	2.2	1.5	0.8	0.0
67.5°	2.4	2.2	2.2	2.2	1.7	0.8	0.0
65°	2.7	2.4	2.2	2.2	1.9	0.9	0.0
62.5°	3.0	3.0	2.2	2.2	2.0	1.0	0.0
60°	3.4	3.5	2.2	2.2	2.2	1.1	0.0
57.5°	5.9	4.2	2.8	2.2	2.2	1.2	0.0
55°	9.1	4.8	3.5	2.2	2.3	1.3	0.0
52.5°	12.7	6.1	4.2	2.2	2.3	1.3	0.0
50°	16.8	9.9	4.9	2.2	2.3	1.4	0.0
47.5°	22.4	14.0	5.7	2.3	2.4	1.5	0.0
45°	34.3	18.3	6.5	3.0	2.5	1.6	0.0
42.5°	46.2	22.9	7.3	3.6	2.5	1.6	0.0
40°	58.0	27.7	9.6	4.3	2.6	1.7	0.0
37.5°	69.7	32.7	13.4	5.3	2.7	1.7	0.0
35°	81.3	40.7	17.2	6.3	2.8	1.8	0.0
32.5°	93.6	49.9	21.0	7.4	2.9	1.9	0.0
30°	107.3	58.8	24.9	8.6	3.0	1.9	0.0
27.5°	120.7	67.5	29.3	9.9	3.1	2.0	0.0
25°	133.5	75.9	33.8	11.2	3.2	2.0	0.0
22.5°	145.8	84.0	38.1	12.5	3.3	2.0	0.0
20°	157.6	91.9	42.3	13.9	3.5	2.1	0.0
17.5°	168.5	99.4	46.3	15.3	3.6	2.1	0.0
15°	178.5	106.3	50.1	16.7	3.7	2.1	0.0
12.5°	187.6	112.8	53.8	18.1	3.8	2.1	0.0
10°	195.9	118.7	57.2	19.4	4.0	2.2	0.0
7.5°	203.3	124.0	60.4	20.7	4.1	2.2	0.0
5°	209.8	128.8	63.3	22.0	4.2	2.2	0.0
2.5°	215.4	132.9	65.9	23.1	4.3	2.2	0.0
0°	220.0	136.4	68.2	24.2	4.4	2.2	0.0
-2.5°	226.0	140.7	71.3	25.7	5.1	2.3	0.0
-5°	231.0	144.3	74.1	27.1	5.7	2.5	0.0
-7.5°	234.9	147.2	76.4	28.4	6.4	2.6	0.0
-10°	237.7	149.4	78.3	29.5	7.0	2.7	0.0
-12.5°	239.3	150.9	79.8	30.5	7.5	2.8	0.0
-15°	239.8	151.6	80.7	31.3	8.1	3.0	0.0
-17.5°	239.1	151.5	81.2	31.9	8.6	3.0	0.0
-20°	238.5	150.6	81.1	32.3	9.0	3.1	0.0

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CATALOG NUMBER: GFLD-SA6D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	238.6	149.0	80.4	32.4	9.5	3.2	0.0
-25°	237.5	148.4	79.2	32.4	9.8	3.3	0.0
-27.5°	235.2	147.8	77.4	32.2	10.1	3.3	0.0
-30°	231.8	146.2	75.1	31.8	10.3	3.3	0.0
-32.5°	227.1	143.7	74.2	31.1	10.5	3.4	0.0
-35°	222.7	140.2	72.6	30.2	10.6	3.4	0.0
-37.5°	217.6	136.5	70.5	29.0	10.7	3.3	0.0
-40°	211.4	133.2	67.7	27.7	10.6	3.3	0.0
-42.5°	203.9	129.0	65.6	26.4	10.5	3.3	0.0
-45°	195.2	124.0	64.3	25.4	10.4	3.2	0.0
-47.5°	185.3	118.1	62.4	24.0	10.1	3.1	0.0
-50°	176.7	111.4	59.8	23.6	9.8	3.0	0.0
-52.5°	167.4	103.9	56.5	23.2	9.4	2.9	0.0
-55°	157.1	97.8	52.6	22.6	9.0	2.8	0.0
-57.5°	145.8	91.2	48.1	21.7	8.5	2.7	0.0
-60°	133.7	83.6	43.1	20.5	7.9	2.5	0.0
-62.5°	122.0	75.2	40.1	19.1	7.4	2.4	0.0
-65°	109.1	66.0	36.7	17.4	6.9	2.2	0.0
-67.5°	95.2	57.8	32.8	15.5	6.3	2.0	0.0
-70°	80.2	50.7	28.5	13.3	5.7	1.8	0.0
-72.5°	68.2	43.0	23.9	11.8	5.1	1.6	0.0
-75°	56.0	34.8	19.0	10.3	4.4	1.4	0.0
-77.5°	43.1	26.2	15.7	8.7	3.7	1.2	0.0
-80°	29.8	20.1	12.7	7.0	3.0	0.9	0.0
-82.5°	22.0	15.2	9.6	5.3	2.3	0.7	0.0
-85°	14.7	10.2	6.5	3.6	1.5	0.5	0.0
-87.5°	7.4	5.1	3.2	1.8	0.8	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)