

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: P626943 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-750-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626943 (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-SA2C-750-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N57
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

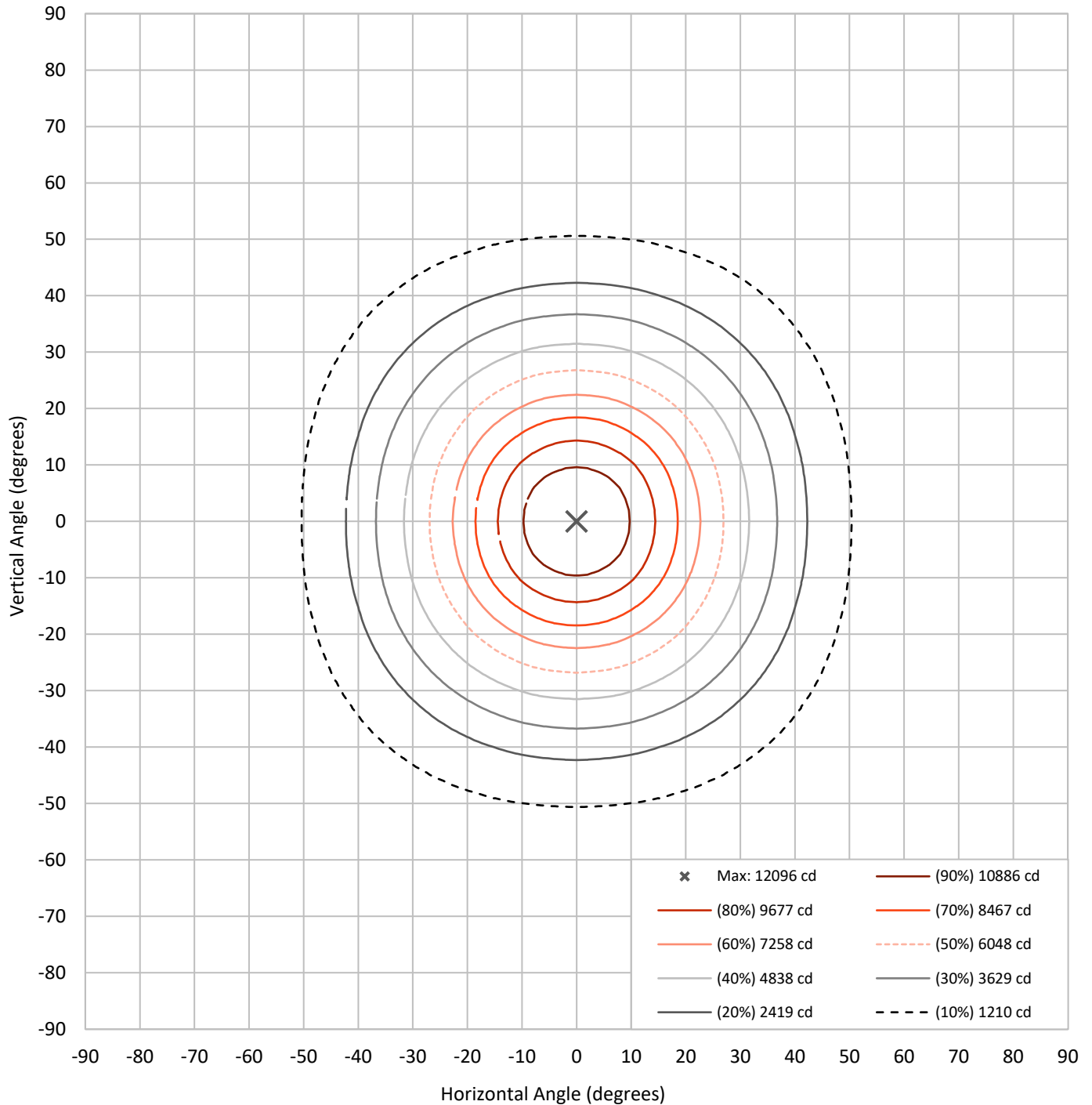
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12310.9 lumens	Max Intensity:	12096 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	149.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' 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:	5886.3 lumens	Field Lumens:	10864.8 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	82.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





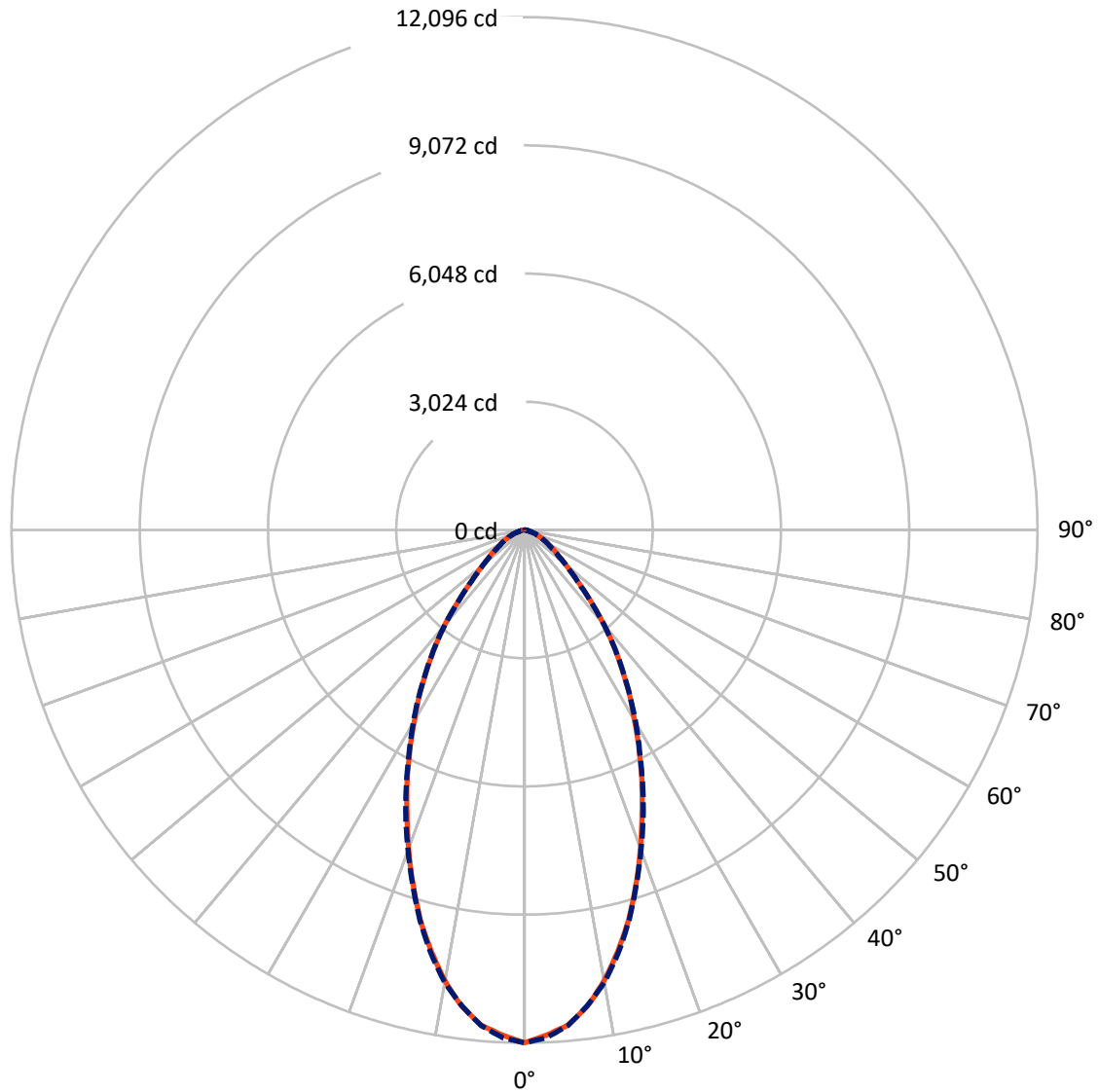
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Lumen Table

90															90				
80	0.5	3.4		7.7		12.9		11.0		12.9		7.7		3.4		0.5			
70															70				
60	1.6	1.9	3.5	5.7	8.2	10.7	12.5	13.4	13.4	12.5	10.7	8.2	5.7	3.5	1.9	1.6			
50		2.6	5.3	9.2	14.2	19.5	24.3	27.1	27.1	24.3	19.5	14.2	9.2	5.3	2.6				
40	2.4	3.4	7.4	13.8	23.2	35.7	49.3	58.3	58.3	49.3	35.7	23.2	13.8	7.4	3.4	2.4			
30		4.1	9.7	20.0	39.0	69.3	100.7	119.4	119.4	100.7	69.3	39.0	20.0	9.7	4.1				
20	2.8	4.8	12.0	28.1	63.1	113.4	162.2	193.9	193.9	162.2	113.4	63.1	28.1	12.0	4.8	2.8			
10		5.3	14.1	36.4	86.1	153.1	226.1	278.1	278.1	226.1	153.1	86.1	36.4	14.1	5.3				
0	2.9	5.6	15.3	41.8	99.1	178.0	270.9	340.6	340.6	270.9	178.0	99.1	41.8	15.3	5.6	2.9			
-10		5.6	15.3	41.8	99.1	178.0	270.9	340.6	340.6	270.9	178.0	99.1	41.8	15.3	5.6				
-20	2.8	5.3	14.1	36.4	86.1	153.1	226.1	278.1	278.1	226.1	153.1	86.1	36.4	14.1	5.3	2.8			
-30		4.8	12.0	28.1	63.1	113.4	162.2	193.9	193.9	162.2	113.4	63.1	28.1	12.0	4.8				
-40	2.4	4.1	9.7	20.0	39.0	69.3	100.7	119.4	119.4	100.7	69.3	39.0	20.0	9.7	4.1	2.4			
-50		3.4	7.4	13.8	23.2	35.7	49.3	58.3	58.3	49.3	35.7	23.2	13.8	7.4	3.4				
-60	1.6	2.6	5.3	9.2	14.2	19.5	24.3	27.1	27.1	24.3	19.5	14.2	9.2	5.3	2.6	1.6			
-70		1.9	3.5	5.7	8.2	10.7	12.5	13.4	13.4	12.5	10.7	8.2	5.7	3.5	1.9				
-80															-80				
-90	0.5	3.4		7.7		12.9		11.0		12.9		7.7		3.4		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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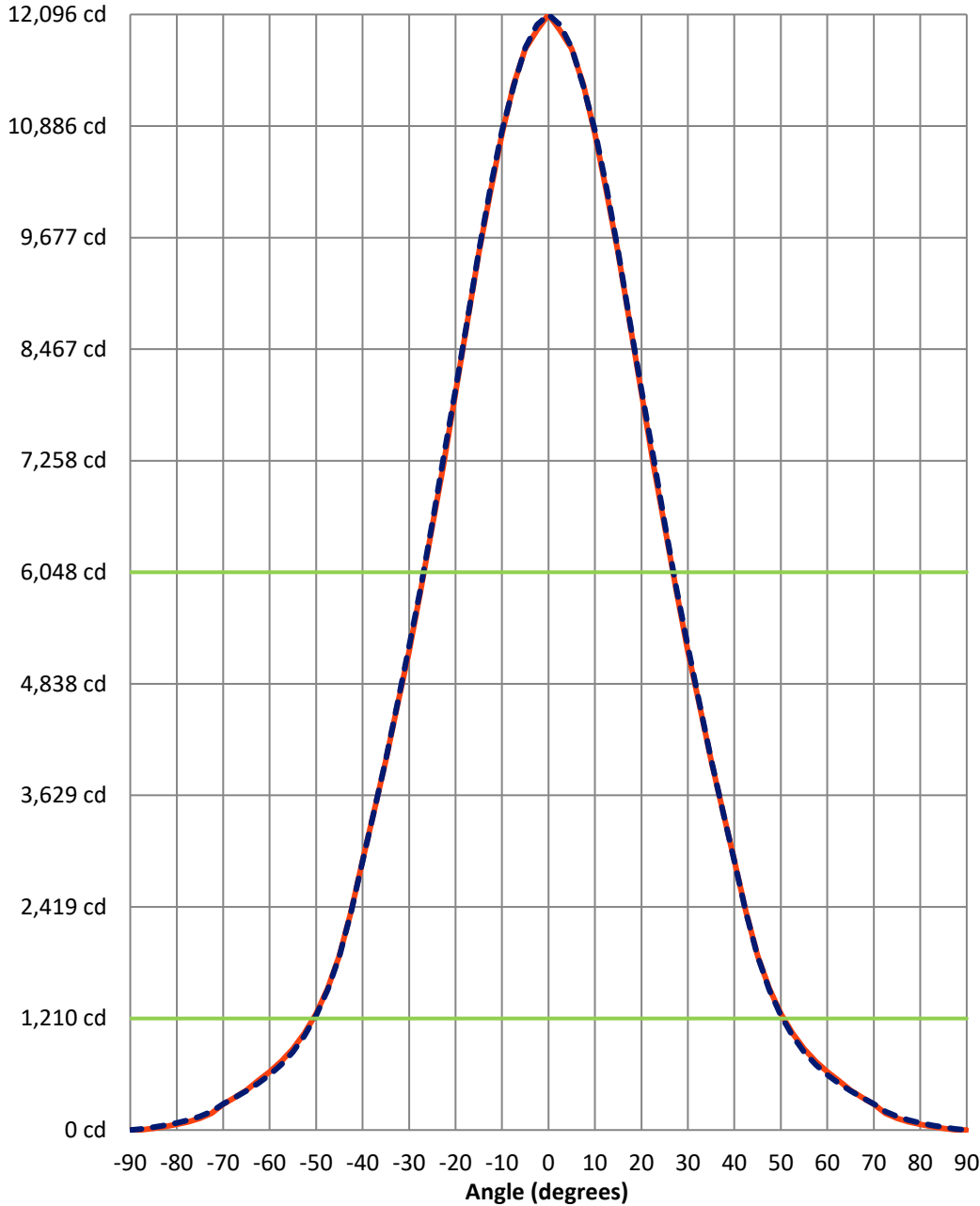
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 5886.3
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 10864.8
 Efficiency: 88.3%

Spill:
 Lumens: 1446.1
 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	0.6	1.4	2.3	3.3	4.5	5.7	6.4	6.9	7.3	7.6
85°	0.0	1.2	2.8	4.6	6.7	8.9	11.5	12.7	13.8	14.6	15.2
82.5°	0.0	1.8	4.2	6.9	9.9	13.4	17.1	19.1	21.1	24.4	27.4
80°	0.0	2.4	5.6	9.2	13.2	17.7	23.3	29.0	33.9	38.3	42.2
77.5°	0.0	3.0	7.0	11.4	16.4	23.1	33.2	40.6	46.7	52.2	57.6
75°	0.0	3.6	8.3	13.6	19.9	30.2	42.9	52.2	59.5	66.9	74.9
72.5°	0.0	4.2	9.6	15.7	24.7	37.1	52.3	63.5	72.4	81.9	92.0
70°	0.0	4.8	10.9	18.0	29.2	43.7	61.2	74.3	85.0	96.5	110.0
67.5°	0.0	5.3	12.1	20.8	33.6	50.0	68.9	84.8	97.4	111.7	127.9
65°	0.0	5.9	13.3	23.5	37.8	55.8	76.3	95.1	109.6	126.3	144.8
62.5°	0.0	6.4	14.5	26.0	41.8	61.1	83.2	104.8	121.4	140.3	160.5
60°	0.0	6.9	15.6	28.4	45.4	66.1	89.7	114.1	132.6	153.8	175.8
57.5°	0.0	7.4	17.0	30.7	48.9	70.8	95.5	122.4	143.9	166.9	189.9
55°	0.0	7.9	18.3	32.7	52.1	75.0	100.9	129.0	154.9	179.5	203.3
52.5°	0.0	8.3	19.6	34.6	55.0	78.9	105.9	136.2	165.6	191.5	216.4
50°	0.0	8.7	20.8	36.3	57.6	82.5	110.4	143.0	175.8	203.1	230.9
47.5°	0.0	9.2	21.9	37.9	60.0	85.8	114.6	149.2	186.0	214.5	245.0
45°	0.0	9.5	23.0	39.4	62.1	88.7	119.3	154.7	193.2	226.8	258.7
42.5°	0.0	9.9	24.0	40.8	63.9	91.2	123.4	160.2	199.9	238.6	272.9
40°	0.0	10.2	25.0	42.3	65.5	93.3	127.1	165.5	206.5	249.6	286.6
37.5°	0.0	10.5	25.9	43.8	67.0	95.0	130.2	170.2	213.7	258.3	299.6
35°	0.0	10.8	26.7	45.2	68.1	96.9	132.8	174.5	220.6	267.8	312.9
32.5°	0.0	11.1	27.5	46.5	69.0	98.8	135.2	178.3	227.1	277.5	326.5
30°	0.0	11.3	28.2	47.6	69.7	100.2	137.9	181.9	233.3	287.3	339.3
27.5°	0.0	11.5	28.8	48.6	71.2	101.2	140.1	186.4	239.8	297.1	351.3
25°	0.0	11.7	29.4	49.5	72.6	101.8	141.8	190.4	247.1	306.7	362.5
22.5°	0.0	11.8	29.8	50.3	73.9	102.6	143.0	193.9	254.0	315.6	374.8
20°	0.0	12.0	30.2	50.9	74.9	104.5	143.7	196.9	260.5	323.5	385.8
17.5°	0.0	12.0	30.6	51.4	75.8	106.0	145.3	199.3	266.5	330.5	395.5
15°	0.0	12.1	30.8	51.8	76.6	107.2	147.2	201.6	271.9	336.5	403.8
12.5°	0.0	12.2	31.0	52.0	77.1	108.1	148.6	203.7	276.5	341.5	410.7
10°	0.0	12.2	31.1	52.1	77.5	108.7	149.5	204.8	280.0	345.7	416.3
7.5°	0.0	12.2	31.1	52.1	77.6	108.9	149.9	205.1	282.5	349.0	420.6
5°	0.0	12.1	31.1	52.0	77.6	108.8	149.7	204.5	283.9	351.2	423.5
2.5°	0.0	12.1	31.0	51.7	77.3	108.4	149.0	203.1	284.1	352.3	425.0
0°	0.0	12.0	30.8	51.3	76.9	107.7	147.9	200.9	283.0	352.2	424.9
-2.5°	0.0	12.1	31.0	51.7	77.3	108.4	149.0	203.1	284.1	352.3	425.0
-5°	0.0	12.1	31.1	52.0	77.6	108.8	149.7	204.5	283.9	351.2	423.5
-7.5°	0.0	12.2	31.1	52.1	77.6	108.9	149.9	205.1	282.5	349.0	420.6
-10°	0.0	12.2	31.1	52.1	77.5	108.7	149.5	204.8	280.0	345.7	416.3
-12.5°	0.0	12.2	31.0	52.0	77.1	108.1	148.6	203.7	276.5	341.5	410.7
-15°	0.0	12.1	30.8	51.8	76.6	107.2	147.2	201.6	271.9	336.5	403.8
-17.5°	0.0	12.0	30.6	51.4	75.8	106.0	145.3	199.3	266.5	330.5	395.5
-20°	0.0	12.0	30.2	50.9	74.9	104.5	143.7	196.9	260.5	323.5	385.8

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.8	29.8	50.3	73.9	102.6	143.0	193.9	254.0	315.6	374.8
-25°	0.0	11.7	29.4	49.5	72.6	101.8	141.8	190.4	247.1	306.7	362.5
-27.5°	0.0	11.5	28.8	48.6	71.2	101.2	140.1	186.4	239.8	297.1	351.3
-30°	0.0	11.3	28.2	47.6	69.7	100.2	137.9	181.9	233.3	287.3	339.3
-32.5°	0.0	11.1	27.5	46.5	69.0	98.8	135.2	178.3	227.1	277.5	326.5
-35°	0.0	10.8	26.7	45.2	68.1	96.9	132.8	174.5	220.6	267.8	312.9
-37.5°	0.0	10.5	25.9	43.8	67.0	95.0	130.2	170.2	213.7	258.3	299.6
-40°	0.0	10.2	25.0	42.3	65.5	93.3	127.1	165.5	206.5	249.6	286.6
-42.5°	0.0	9.9	24.0	40.8	63.9	91.2	123.4	160.2	199.9	238.6	272.9
-45°	0.0	9.5	23.0	39.4	62.1	88.7	119.3	154.7	193.2	226.8	258.7
-47.5°	0.0	9.2	21.9	37.9	60.0	85.8	114.6	149.2	186.0	214.5	245.0
-50°	0.0	8.7	20.8	36.3	57.6	82.5	110.4	143.0	175.8	203.1	230.9
-52.5°	0.0	8.3	19.6	34.6	55.0	78.9	105.9	136.2	165.6	191.5	216.4
-55°	0.0	7.9	18.3	32.7	52.1	75.0	100.9	129.0	154.9	179.5	203.3
-57.5°	0.0	7.4	17.0	30.7	48.9	70.8	95.5	122.4	143.9	166.9	189.9
-60°	0.0	6.9	15.6	28.4	45.4	66.1	89.7	114.1	132.6	153.8	175.8
-62.5°	0.0	6.4	14.5	26.0	41.8	61.1	83.2	104.8	121.4	140.3	160.5
-65°	0.0	5.9	13.3	23.5	37.8	55.8	76.3	95.1	109.6	126.3	144.8
-67.5°	0.0	5.3	12.1	20.8	33.6	50.0	68.9	84.8	97.4	111.7	127.9
-70°	0.0	4.8	10.9	18.0	29.2	43.7	61.2	74.3	85.0	96.5	110.0
-72.5°	0.0	4.2	9.6	15.7	24.7	37.1	52.3	63.5	72.4	81.9	92.0
-75°	0.0	3.6	8.3	13.6	19.9	30.2	42.9	52.2	59.5	66.9	74.9
-77.5°	0.0	3.0	7.0	11.4	16.4	23.1	33.2	40.6	46.7	52.2	57.6
-80°	0.0	2.4	5.6	9.2	13.2	17.7	23.3	29.0	33.9	38.3	42.2
-82.5°	0.0	1.8	4.2	6.9	9.9	13.4	17.1	19.1	21.1	24.4	27.4
-85°	0.0	1.2	2.8	4.6	6.7	8.9	11.5	12.7	13.8	14.6	15.2
-87.5°	0.0	0.6	1.4	2.3	3.3	4.5	5.7	6.4	6.9	7.3	7.6
-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°	7.7	7.7	7.6	7.3	7.0	6.6	6.1	5.5	5.7	5.9	6.1
85°	15.4	15.4	16.7	17.9	18.4	18.5	18.1	17.4	19.6	22.2	24.9
82.5°	30.1	32.7	35.2	37.5	37.7	37.1	36.0	34.7	39.2	44.7	50.5
80°	46.1	50.0	54.4	58.5	59.5	59.1	57.8	55.7	61.7	70.3	79.5
77.5°	64.0	70.1	75.8	81.0	82.5	82.3	81.4	79.7	87.3	99.2	111.5
75°	82.9	90.3	97.6	104.0	106.8	107.0	106.7	108.5	118.6	132.4	144.6
72.5°	102.6	112.0	120.2	127.3	131.8	135.1	139.6	145.1	155.3	168.9	180.8
70°	123.4	133.8	142.5	150.4	157.2	164.6	174.0	183.4	194.1	207.7	220.2
67.5°	143.9	154.5	164.3	174.0	186.4	198.2	210.0	222.2	235.8	250.0	262.6
65°	162.9	174.9	186.9	201.0	217.1	230.5	245.0	260.9	278.7	294.7	309.2
62.5°	181.2	194.7	209.6	226.5	243.9	260.7	280.2	300.7	321.4	341.5	361.4
60°	196.6	213.4	231.5	250.6	270.7	293.5	316.4	340.8	365.5	389.8	414.4
57.5°	211.4	232.2	253.0	275.3	300.3	326.4	353.9	381.4	411.0	440.2	468.2
55°	226.8	251.3	275.0	301.4	330.1	360.8	391.7	425.0	457.7	494.6	528.6
52.5°	243.2	269.9	297.7	328.0	361.4	396.1	432.4	470.6	511.3	552.3	593.8
50°	259.3	289.3	320.3	356.5	393.9	433.5	475.4	519.9	567.3	614.7	665.0
47.5°	276.0	308.1	345.9	385.2	428.1	473.2	520.7	573.5	626.2	685.9	743.6
45°	292.5	329.4	370.5	416.2	463.3	514.0	570.5	628.6	695.8	763.2	839.0
42.5°	308.4	351.0	397.3	446.1	499.8	558.0	620.5	693.5	769.3	852.8	941.7
40°	326.6	371.5	423.7	478.3	536.4	603.0	678.2	759.3	851.7	950.7	1051.7
37.5°	344.3	394.7	449.7	509.0	576.4	651.4	734.5	833.8	940.6	1053.0	1190.5
35°	360.9	416.8	476.6	541.5	614.5	701.5	800.8	910.6	1033.6	1178.6	1339.0
32.5°	378.5	437.8	502.0	574.8	657.4	752.4	865.2	994.5	1140.0	1305.1	1505.8
30°	396.3	459.3	527.1	605.9	697.9	807.8	935.9	1078.8	1246.2	1453.3	1688.9
27.5°	412.7	479.4	553.7	638.9	737.3	858.8	1003.9	1171.4	1368.6	1602.7	1877.9
25°	427.7	497.8	578.2	670.4	780.6	914.0	1071.3	1256.7	1491.1	1770.2	2108.7
22.5°	442.1	514.5	600.2	698.6	819.7	967.4	1144.4	1356.6	1615.7	1928.9	2334.9
20°	455.6	532.5	622.2	725.7	854.6	1015.6	1211.6	1449.8	1744.7	2115.4	2556.6
17.5°	467.5	548.4	642.9	754.9	893.5	1064.5	1275.0	1532.2	1859.4	2282.0	2761.3
15°	477.7	562.1	660.9	780.2	928.6	1113.2	1341.5	1622.4	1979.2	2433.5	2941.0
12.5°	486.2	573.6	676.0	801.5	958.0	1154.3	1398.4	1702.9	2095.8	2576.2	3098.7
10°	492.9	582.8	688.1	818.7	981.8	1187.7	1445.2	1768.6	2192.9	2698.6	3232.2
7.5°	498.5	590.0	697.5	831.7	999.7	1213.3	1481.6	1819.4	2268.8	2795.4	3334.6
5°	502.5	595.2	704.5	840.9	1012.9	1231.1	1507.1	1854.9	2322.8	2865.6	3404.7
2.5°	504.8	598.0	708.6	845.8	1021.0	1241.1	1520.5	1877.2	2352.4	2905.7	3447.0
0°	505.2	598.4	709.6	846.4	1023.3	1243.0	1522.6	1884.2	2358.7	2916.1	3462.4
-2.5°	504.8	598.0	708.6	845.8	1021.0	1241.1	1520.5	1877.2	2352.4	2905.7	3447.0
-5°	502.5	595.2	704.5	840.9	1012.9	1231.1	1507.1	1854.9	2322.8	2865.6	3404.7
-7.5°	498.5	590.0	697.5	831.7	999.7	1213.3	1481.6	1819.4	2268.8	2795.4	3334.6
-10°	492.9	582.8	688.1	818.7	981.8	1187.7	1445.2	1768.6	2192.9	2698.6	3232.2
-12.5°	486.2	573.6	676.0	801.5	958.0	1154.3	1398.4	1702.9	2095.8	2576.2	3098.7
-15°	477.7	562.1	660.9	780.2	928.6	1113.2	1341.5	1622.4	1979.2	2433.5	2941.0
-17.5°	467.5	548.4	642.9	754.9	893.5	1064.5	1275.0	1532.2	1859.4	2282.0	2761.3
-20°	455.6	532.5	622.2	725.7	854.6	1015.6	1211.6	1449.8	1744.7	2115.4	2556.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-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°	442.1	514.5	600.2	698.6	819.7	967.4	1144.4	1356.6	1615.7	1928.9	2334.9
-25°	427.7	497.8	578.2	670.4	780.6	914.0	1071.3	1256.7	1491.1	1770.2	2108.7
-27.5°	412.7	479.4	553.7	638.9	737.3	858.8	1003.9	1171.4	1368.6	1602.7	1877.9
-30°	396.3	459.3	527.1	605.9	697.9	807.8	935.9	1078.8	1246.2	1453.3	1688.9
-32.5°	378.5	437.8	502.0	574.8	657.4	752.4	865.2	994.5	1140.0	1305.1	1505.8
-35°	360.9	416.8	476.6	541.5	614.5	701.5	800.8	910.6	1033.6	1178.6	1339.0
-37.5°	344.3	394.7	449.7	509.0	576.4	651.4	734.5	833.8	940.6	1053.0	1190.5
-40°	326.6	371.5	423.7	478.3	536.4	603.0	678.2	759.3	851.7	950.7	1051.7
-42.5°	308.4	351.0	397.3	446.1	499.8	558.0	620.5	693.5	769.3	852.8	941.7
-45°	292.5	329.4	370.5	416.2	463.3	514.0	570.5	628.6	695.8	763.2	839.0
-47.5°	276.0	308.1	345.9	385.2	428.1	473.2	520.7	573.5	626.2	685.9	743.6
-50°	259.3	289.3	320.3	356.5	393.9	433.5	475.4	519.9	567.3	614.7	665.0
-52.5°	243.2	269.9	297.7	328.0	361.4	396.1	432.4	470.6	511.3	552.3	593.8
-55°	226.8	251.3	275.0	301.4	330.1	360.8	391.7	425.0	457.7	494.6	528.6
-57.5°	211.4	232.2	253.0	275.3	300.3	326.4	353.9	381.4	411.0	440.2	468.2
-60°	196.6	213.4	231.5	250.6	270.7	293.5	316.4	340.8	365.5	389.8	414.4
-62.5°	181.2	194.7	209.6	226.5	243.9	260.7	280.2	300.7	321.4	341.5	361.4
-65°	162.9	174.9	186.9	201.0	217.1	230.5	245.0	260.9	278.7	294.7	309.2
-67.5°	143.9	154.5	164.3	174.0	186.4	198.2	210.0	222.2	235.8	250.0	262.6
-70°	123.4	133.8	142.5	150.4	157.2	164.6	174.0	183.4	194.1	207.7	220.2
-72.5°	102.6	112.0	120.2	127.3	131.8	135.1	139.6	145.1	155.3	168.9	180.8
-75°	82.9	90.3	97.6	104.0	106.8	107.0	106.7	108.5	118.6	132.4	144.6
-77.5°	64.0	70.1	75.8	81.0	82.5	82.3	81.4	79.7	87.3	99.2	111.5
-80°	46.1	50.0	54.4	58.5	59.5	59.1	57.8	55.7	61.7	70.3	79.5
-82.5°	30.1	32.7	35.2	37.5	37.7	37.1	36.0	34.7	39.2	44.7	50.5
-85°	15.4	15.4	16.7	17.9	18.4	18.5	18.1	17.4	19.6	22.2	24.9
-87.5°	7.7	7.7	7.6	7.3	7.0	6.6	6.1	5.5	5.7	5.9	6.1
-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: P626943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-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°	6.3	6.1	5.9	5.7	5.4	5.3	5.2	5.1	4.9	4.6	4.2
85°	27.8	28.4	28.8	28.9	28.9	29.9	30.7	31.5	32.2	29.2	25.9
82.5°	56.5	59.2	61.5	63.9	66.1	67.7	68.9	69.8	70.3	63.7	56.2
80°	89.0	94.6	99.2	103.6	107.8	108.9	108.9	108.3	107.1	98.0	87.6
77.5°	123.8	131.1	136.9	142.6	148.3	150.3	151.3	152.1	152.6	141.3	127.5
75°	155.3	164.0	172.1	179.7	186.6	190.3	192.4	194.2	195.6	184.2	169.3
72.5°	191.3	200.5	209.3	217.6	225.0	229.9	233.0	235.6	237.7	231.2	221.9
70°	230.8	240.4	249.7	258.3	266.6	273.2	278.3	282.8	286.4	287.2	286.8
67.5°	274.7	286.0	297.0	306.4	316.3	325.6	333.7	340.5	345.9	349.5	351.5
65°	324.0	340.9	356.0	368.8	379.4	391.8	402.7	411.0	416.9	421.3	425.2
62.5°	382.1	402.6	419.8	436.9	454.4	471.5	482.1	492.8	503.3	513.2	521.6
60°	438.0	460.5	483.8	505.5	525.6	544.1	563.3	580.2	595.1	607.5	616.8
57.5°	497.6	525.0	551.5	579.0	605.0	629.2	652.9	674.7	693.6	709.5	722.4
55°	562.3	595.7	627.2	662.2	696.2	727.1	755.6	784.8	811.2	834.3	852.7
52.5°	631.9	675.5	717.2	758.3	802.3	842.0	877.5	918.1	954.0	983.6	1006.8
50°	715.2	766.3	821.4	872.4	927.9	982.5	1032.9	1081.7	1129.5	1170.8	1204.2
47.5°	809.9	872.9	941.1	1008.7	1077.6	1152.3	1219.0	1281.0	1347.7	1405.6	1452.1
45°	915.3	995.5	1077.9	1172.9	1260.4	1356.4	1445.2	1525.0	1619.7	1703.1	1770.2
42.5°	1032.1	1139.0	1247.4	1367.1	1483.1	1605.0	1734.4	1849.2	1974.8	2094.5	2191.2
40°	1177.0	1304.8	1450.0	1594.8	1761.4	1917.9	2106.4	2277.8	2433.4	2576.1	2693.1
37.5°	1338.0	1502.5	1684.9	1873.5	2101.4	2324.9	2545.6	2754.0	2938.0	3094.2	3225.2
35°	1520.8	1729.8	1950.6	2226.0	2493.0	2760.6	3010.0	3237.7	3437.9	3614.1	3764.0
32.5°	1731.0	1981.9	2291.0	2600.3	2905.0	3199.6	3473.3	3721.8	3941.2	4139.1	4311.4
30°	1952.0	2294.3	2641.3	2980.6	3313.4	3636.1	3936.5	4210.1	4458.1	4678.4	4876.9
27.5°	2232.8	2612.2	2990.6	3356.3	3722.4	4075.6	4401.2	4705.2	4989.7	5238.6	5465.6
25°	2504.5	2923.6	3325.8	3724.6	4123.1	4502.3	4866.3	5209.7	5535.5	5821.2	6074.6
22.5°	2776.1	3214.7	3644.5	4073.4	4501.4	4924.2	5332.9	5726.3	6090.7	6416.1	6701.3
20°	3027.6	3486.2	3945.8	4408.1	4872.1	5334.8	5793.9	6236.6	6642.5	7018.3	7348.4
17.5°	3253.1	3740.8	4228.1	4722.7	5225.6	5728.0	6238.0	6734.2	7198.4	7625.8	8008.8
15°	3452.9	3961.7	4485.1	5018.7	5558.8	6104.5	6660.9	7216.1	7738.6	8224.1	8651.6
12.5°	3627.5	4156.5	4705.1	5272.1	5858.2	6452.7	7060.0	7668.5	8247.0	8807.4	9269.0
10°	3771.6	4322.2	4895.5	5491.3	6109.4	6749.2	7400.7	8055.9	8693.1	9287.7	9815.6
7.5°	3882.8	4454.1	5044.9	5664.5	6313.1	6987.7	7677.9	8373.1	9053.1	9693.8	10277.9
5°	3961.3	4550.1	5148.3	5792.8	6463.9	7163.1	7880.4	8604.9	9315.8	9989.4	10594.8
2.5°	4006.9	4607.7	5208.5	5870.9	6553.7	7269.2	8006.0	8742.3	9472.0	10170.7	10792.8
0°	4018.9	4625.0	5243.1	5879.2	6581.9	7318.8	8029.2	8767.9	9526.2	10215.2	10835.0
-2.5°	4006.9	4607.7	5208.5	5870.9	6553.7	7269.2	8006.0	8742.3	9472.0	10170.7	10792.8
-5°	3961.3	4550.1	5148.3	5792.8	6463.9	7163.1	7880.4	8604.9	9315.8	9989.4	10594.8
-7.5°	3882.8	4454.1	5044.9	5664.5	6313.1	6987.7	7677.9	8373.1	9053.1	9693.8	10277.9
-10°	3771.6	4322.2	4895.5	5491.3	6109.4	6749.2	7400.7	8055.9	8693.1	9287.7	9815.6
-12.5°	3627.5	4156.5	4705.1	5272.1	5858.2	6452.7	7060.0	7668.5	8247.0	8807.4	9269.0
-15°	3452.9	3961.7	4485.1	5018.7	5558.8	6104.5	6660.9	7216.1	7738.6	8224.1	8651.6
-17.5°	3253.1	3740.8	4228.1	4722.7	5225.6	5728.0	6238.0	6734.2	7198.4	7625.8	8008.8
-20°	3027.6	3486.2	3945.8	4408.1	4872.1	5334.8	5793.9	6236.6	6642.5	7018.3	7348.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2776.1	3214.7	3644.5	4073.4	4501.4	4924.2	5332.9	5726.3	6090.7	6416.1	6701.3
-25°	2504.5	2923.6	3325.8	3724.6	4123.1	4502.3	4866.3	5209.7	5535.5	5821.2	6074.6
-27.5°	2232.8	2612.2	2990.6	3356.3	3722.4	4075.6	4401.2	4705.2	4989.7	5238.6	5465.6
-30°	1952.0	2294.3	2641.3	2980.6	3313.4	3636.1	3936.5	4210.1	4458.1	4678.4	4876.9
-32.5°	1731.0	1981.9	2291.0	2600.3	2905.0	3199.6	3473.3	3721.8	3941.2	4139.1	4311.4
-35°	1520.8	1729.8	1950.6	2226.0	2493.0	2760.6	3010.0	3237.7	3437.9	3614.1	3764.0
-37.5°	1338.0	1502.5	1684.9	1873.5	2101.4	2324.9	2545.6	2754.0	2938.0	3094.2	3225.2
-40°	1177.0	1304.8	1450.0	1594.8	1761.4	1917.9	2106.4	2277.8	2433.4	2576.1	2693.1
-42.5°	1032.1	1139.0	1247.4	1367.1	1483.1	1605.0	1734.4	1849.2	1974.8	2094.5	2191.2
-45°	915.3	995.5	1077.9	1172.9	1260.4	1356.4	1445.2	1525.0	1619.7	1703.1	1770.2
-47.5°	809.9	872.9	941.1	1008.7	1077.6	1152.3	1219.0	1281.0	1347.7	1405.6	1452.1
-50°	715.2	766.3	821.4	872.4	927.9	982.5	1032.9	1081.7	1129.5	1170.8	1204.2
-52.5°	631.9	675.5	717.2	758.3	802.3	842.0	877.5	918.1	954.0	983.6	1006.8
-55°	562.3	595.7	627.2	662.2	696.2	727.1	755.6	784.8	811.2	834.3	852.7
-57.5°	497.6	525.0	551.5	579.0	605.0	629.2	652.9	674.7	693.6	709.5	722.4
-60°	438.0	460.5	483.8	505.5	525.6	544.1	563.3	580.2	595.1	607.5	616.8
-62.5°	382.1	402.6	419.8	436.9	454.4	471.5	482.1	492.8	503.3	513.2	521.6
-65°	324.0	340.9	356.0	368.8	379.4	391.8	402.7	411.0	416.9	421.3	425.2
-67.5°	274.7	286.0	297.0	306.4	316.3	325.6	333.7	340.5	345.9	349.5	351.5
-70°	230.8	240.4	249.7	258.3	266.6	273.2	278.3	282.8	286.4	287.2	286.8
-72.5°	191.3	200.5	209.3	217.6	225.0	229.9	233.0	235.6	237.7	231.2	221.9
-75°	155.3	164.0	172.1	179.7	186.6	190.3	192.4	194.2	195.6	184.2	169.3
-77.5°	123.8	131.1	136.9	142.6	148.3	150.3	151.3	152.1	152.6	141.3	127.5
-80°	89.0	94.6	99.2	103.6	107.8	108.9	108.9	108.3	107.1	98.0	87.6
-82.5°	56.5	59.2	61.5	63.9	66.1	67.7	68.9	69.8	70.3	63.7	56.2
-85°	27.8	28.4	28.8	28.9	28.9	29.9	30.7	31.5	32.2	29.2	25.9
-87.5°	6.3	6.1	5.9	5.7	5.4	5.3	5.2	5.1	4.9	4.6	4.2
-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: P626943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-750-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°	3.8	3.4	3.0	2.6	3.0	3.4	3.8	4.2	4.6	4.9	5.1
85°	22.4	18.7	18.4	18.0	18.4	18.7	22.4	25.9	29.2	32.2	31.5
82.5°	48.3	40.1	38.9	37.6	38.9	40.1	48.3	56.2	63.7	70.3	69.8
80°	76.9	65.8	63.6	61.6	63.6	65.8	76.9	87.6	98.0	107.1	108.3
77.5°	112.9	97.6	93.2	88.9	93.2	97.6	112.9	127.5	141.3	152.6	152.1
75°	153.9	137.8	132.4	127.4	132.4	137.8	153.9	169.3	184.2	195.6	194.2
72.5°	212.5	202.8	192.9	182.1	192.9	202.8	212.5	221.9	231.2	237.7	235.6
70°	286.5	285.9	283.4	279.6	283.4	285.9	286.5	286.8	287.2	286.4	282.8
67.5°	352.3	352.0	352.9	353.1	352.9	352.0	352.3	351.5	349.5	345.9	340.5
65°	427.5	428.3	430.1	430.9	430.1	428.3	427.5	425.2	421.3	416.9	411.0
62.5°	528.1	532.4	534.6	534.3	534.6	532.4	528.1	521.6	513.2	503.3	492.8
60°	623.7	628.2	631.0	631.8	631.0	628.2	623.7	616.8	607.5	595.1	580.2
57.5°	732.7	740.1	744.0	744.6	744.0	740.1	732.7	722.4	709.5	693.6	674.7
55°	866.8	876.6	881.0	880.5	881.0	876.6	866.8	852.7	834.3	811.2	784.8
52.5°	1024.2	1036.2	1045.2	1050.7	1045.2	1036.2	1024.2	1006.8	983.6	954.0	918.1
50°	1229.3	1246.5	1257.4	1261.8	1257.4	1246.5	1229.3	1204.2	1170.8	1129.5	1081.7
47.5°	1485.7	1508.5	1525.3	1537.1	1525.3	1508.5	1485.7	1452.1	1405.6	1347.7	1281.0
45°	1819.8	1854.5	1878.1	1891.9	1878.1	1854.5	1819.8	1770.2	1703.1	1619.7	1525.0
42.5°	2266.8	2320.7	2353.7	2366.4	2353.7	2320.7	2266.8	2191.2	2094.5	1974.8	1849.2
40°	2785.5	2850.2	2892.7	2922.1	2892.7	2850.2	2785.5	2693.1	2576.1	2433.4	2277.8
37.5°	3325.8	3393.7	3435.1	3463.2	3435.1	3393.7	3325.8	3225.2	3094.2	2938.0	2754.0
35°	3876.9	3948.1	3986.9	4008.6	3986.9	3948.1	3876.9	3764.0	3614.1	3437.9	3237.7
32.5°	4442.8	4521.2	4563.4	4607.1	4563.4	4521.2	4442.8	4311.4	4139.1	3941.2	3721.8
30°	5033.8	5123.8	5168.0	5189.3	5168.0	5123.8	5033.8	4876.9	4678.4	4458.1	4210.1
27.5°	5648.7	5761.0	5816.2	5852.7	5816.2	5761.0	5648.7	5465.6	5238.6	4989.7	4705.2
25°	6288.6	6427.7	6491.0	6547.7	6491.0	6427.7	6288.6	6074.6	5821.2	5535.5	5209.7
22.5°	6952.6	7125.7	7199.0	7239.3	7199.0	7125.7	6952.6	6701.3	6416.1	6090.7	5726.3
20°	7633.8	7840.7	7942.6	7995.0	7942.6	7840.7	7633.8	7348.4	7018.3	6642.5	6236.6
17.5°	8330.4	8587.8	8719.6	8749.9	8719.6	8587.8	8330.4	8008.8	7625.8	7198.4	6734.2
15°	9014.3	9292.7	9448.6	9505.7	9448.6	9292.7	9014.3	8651.6	8224.1	7738.6	7216.1
12.5°	9661.9	9950.5	10136.8	10169.9	10136.8	9950.5	9661.9	9269.0	8807.4	8247.0	7668.5
10°	10249.4	10548.3	10753.9	10800.8	10753.9	10548.3	10249.4	9815.6	9287.7	8693.1	8055.9
7.5°	10740.4	11068.4	11295.6	11335.1	11295.6	11068.4	10740.4	10277.9	9693.8	9053.1	8373.1
5°	11099.6	11489.1	11675.6	11722.4	11675.6	11489.1	11099.6	10594.8	9989.4	9315.8	8604.9
2.5°	11296.7	11693.1	11952.4	11922.5	11952.4	11693.1	11296.7	10792.8	10170.7	9472.0	8742.3
0°	11318.9	11733.5	11981.5	12096.0	11981.5	11733.5	11318.9	10835.0	10215.2	9526.2	8767.9
-2.5°	11296.7	11693.1	11952.4	11922.5	11952.4	11693.1	11296.7	10792.8	10170.7	9472.0	8742.3
-5°	11099.6	11489.1	11675.6	11722.4	11675.6	11489.1	11099.6	10594.8	9989.4	9315.8	8604.9
-7.5°	10740.4	11068.4	11295.6	11335.1	11295.6	11068.4	10740.4	10277.9	9693.8	9053.1	8373.1
-10°	10249.4	10548.3	10753.9	10800.8	10753.9	10548.3	10249.4	9815.6	9287.7	8693.1	8055.9
-12.5°	9661.9	9950.5	10136.8	10169.9	10136.8	9950.5	9661.9	9269.0	8807.4	8247.0	7668.5
-15°	9014.3	9292.7	9448.6	9505.7	9448.6	9292.7	9014.3	8651.6	8224.1	7738.6	7216.1
-17.5°	8330.4	8587.8	8719.6	8749.9	8719.6	8587.8	8330.4	8008.8	7625.8	7198.4	6734.2
-20°	7633.8	7840.7	7942.6	7995.0	7942.6	7840.7	7633.8	7348.4	7018.3	6642.5	6236.6



REPORT NUMBER: P626943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-750-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°	6952.6	7125.7	7199.0	7239.3	7199.0	7125.7	6952.6	6701.3	6416.1	6090.7	5726.3
-25°	6288.6	6427.7	6491.0	6547.7	6491.0	6427.7	6288.6	6074.6	5821.2	5535.5	5209.7
-27.5°	5648.7	5761.0	5816.2	5852.7	5816.2	5761.0	5648.7	5465.6	5238.6	4989.7	4705.2
-30°	5033.8	5123.8	5168.0	5189.3	5168.0	5123.8	5033.8	4876.9	4678.4	4458.1	4210.1
-32.5°	4442.8	4521.2	4563.4	4607.1	4563.4	4521.2	4442.8	4311.4	4139.1	3941.2	3721.8
-35°	3876.9	3948.1	3986.9	4008.6	3986.9	3948.1	3876.9	3764.0	3614.1	3437.9	3237.7
-37.5°	3325.8	3393.7	3435.1	3463.2	3435.1	3393.7	3325.8	3225.2	3094.2	2938.0	2754.0
-40°	2785.5	2850.2	2892.7	2922.1	2892.7	2850.2	2785.5	2693.1	2576.1	2433.4	2277.8
-42.5°	2266.8	2320.7	2353.7	2366.4	2353.7	2320.7	2266.8	2191.2	2094.5	1974.8	1849.2
-45°	1819.8	1854.5	1878.1	1891.9	1878.1	1854.5	1819.8	1770.2	1703.1	1619.7	1525.0
-47.5°	1485.7	1508.5	1525.3	1537.1	1525.3	1508.5	1485.7	1452.1	1405.6	1347.7	1281.0
-50°	1229.3	1246.5	1257.4	1261.8	1257.4	1246.5	1229.3	1204.2	1170.8	1129.5	1081.7
-52.5°	1024.2	1036.2	1045.2	1050.7	1045.2	1036.2	1024.2	1006.8	983.6	954.0	918.1
-55°	866.8	876.6	881.0	880.5	881.0	876.6	866.8	852.7	834.3	811.2	784.8
-57.5°	732.7	740.1	744.0	744.6	744.0	740.1	732.7	722.4	709.5	693.6	674.7
-60°	623.7	628.2	631.0	631.8	631.0	628.2	623.7	616.8	607.5	595.1	580.2
-62.5°	528.1	532.4	534.6	534.3	534.6	532.4	528.1	521.6	513.2	503.3	492.8
-65°	427.5	428.3	430.1	430.9	430.1	428.3	427.5	425.2	421.3	416.9	411.0
-67.5°	352.3	352.0	352.9	353.1	352.9	352.0	352.3	351.5	349.5	345.9	340.5
-70°	286.5	285.9	283.4	279.6	283.4	285.9	286.5	286.8	287.2	286.4	282.8
-72.5°	212.5	202.8	192.9	182.1	192.9	202.8	212.5	221.9	231.2	237.7	235.6
-75°	153.9	137.8	132.4	127.4	132.4	137.8	153.9	169.3	184.2	195.6	194.2
-77.5°	112.9	97.6	93.2	88.9	93.2	97.6	112.9	127.5	141.3	152.6	152.1
-80°	76.9	65.8	63.6	61.6	63.6	65.8	76.9	87.6	98.0	107.1	108.3
-82.5°	48.3	40.1	38.9	37.6	38.9	40.1	48.3	56.2	63.7	70.3	69.8
-85°	22.4	18.7	18.4	18.0	18.4	18.7	22.4	25.9	29.2	32.2	31.5
-87.5°	3.8	3.4	3.0	2.6	3.0	3.4	3.8	4.2	4.6	4.9	5.1
-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: P626943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-750-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°	5.2	5.3	5.4	5.7	5.9	6.1	6.3	6.1	5.9	5.7	5.5
85°	30.7	29.9	28.9	28.9	28.8	28.4	27.8	24.9	22.2	19.6	17.4
82.5°	68.9	67.7	66.1	63.9	61.5	59.2	56.5	50.5	44.7	39.2	34.7
80°	108.9	108.9	107.8	103.6	99.2	94.6	89.0	79.5	70.3	61.7	55.7
77.5°	151.3	150.3	148.3	142.6	136.9	131.1	123.8	111.5	99.2	87.3	79.7
75°	192.4	190.3	186.6	179.7	172.1	164.0	155.3	144.6	132.4	118.6	108.5
72.5°	233.0	229.9	225.0	217.6	209.3	200.5	191.3	180.8	168.9	155.3	145.1
70°	278.3	273.2	266.6	258.3	249.7	240.4	230.8	220.2	207.7	194.1	183.4
67.5°	333.7	325.6	316.3	306.4	297.0	286.0	274.7	262.6	250.0	235.8	222.2
65°	402.7	391.8	379.4	368.8	356.0	340.9	324.0	309.2	294.7	278.7	260.9
62.5°	482.1	471.5	454.4	436.9	419.8	402.6	382.1	361.4	341.5	321.4	300.7
60°	563.3	544.1	525.6	505.5	483.8	460.5	438.0	414.4	389.8	365.5	340.8
57.5°	652.9	629.2	605.0	579.0	551.5	525.0	497.6	468.2	440.2	411.0	381.4
55°	755.6	727.1	696.2	662.2	627.2	595.7	562.3	528.6	494.6	457.7	425.0
52.5°	877.5	842.0	802.3	758.3	717.2	675.5	631.9	593.8	552.3	511.3	470.6
50°	1032.9	982.5	927.9	872.4	821.4	766.3	715.2	665.0	614.7	567.3	519.9
47.5°	1219.0	1152.3	1077.6	1008.7	941.1	872.9	809.9	743.6	685.9	626.2	573.5
45°	1445.2	1356.4	1260.4	1172.9	1077.9	995.5	915.3	839.0	763.2	695.8	628.6
42.5°	1734.4	1605.0	1483.1	1367.1	1247.4	1139.0	1032.1	941.7	852.8	769.3	693.5
40°	2106.4	1917.9	1761.4	1594.8	1450.0	1304.8	1177.0	1051.7	950.7	851.7	759.3
37.5°	2545.6	2324.9	2101.4	1873.5	1684.9	1502.5	1338.0	1190.5	1053.0	940.6	833.8
35°	3010.0	2760.6	2493.0	2226.0	1950.6	1729.8	1520.8	1339.0	1178.6	1033.6	910.6
32.5°	3473.3	3199.6	2905.0	2600.3	2291.0	1981.9	1731.0	1505.8	1305.1	1140.0	994.5
30°	3936.5	3636.1	3313.4	2980.6	2641.3	2294.3	1952.0	1688.9	1453.3	1246.2	1078.8
27.5°	4401.2	4075.6	3722.4	3356.3	2990.6	2612.2	2232.8	1877.9	1602.7	1368.6	1171.4
25°	4866.3	4502.3	4123.1	3724.6	3325.8	2923.6	2504.5	2108.7	1770.2	1491.1	1256.7
22.5°	5332.9	4924.2	4501.4	4073.4	3644.5	3214.7	2776.1	2334.9	1928.9	1615.7	1356.6
20°	5793.9	5334.8	4872.1	4408.1	3945.8	3486.2	3027.6	2556.6	2115.4	1744.7	1449.8
17.5°	6238.0	5728.0	5225.6	4722.7	4228.1	3740.8	3253.1	2761.3	2282.0	1859.4	1532.2
15°	6660.9	6104.5	5558.8	5018.7	4485.1	3961.7	3452.9	2941.0	2433.5	1979.2	1622.4
12.5°	7060.0	6452.7	5858.2	5272.1	4705.1	4156.5	3627.5	3098.7	2576.2	2095.8	1702.9
10°	7400.7	6749.2	6109.4	5491.3	4895.5	4322.2	3771.6	3232.2	2698.6	2192.9	1768.6
7.5°	7677.9	6987.7	6313.1	5664.5	5044.9	4454.1	3882.8	3334.6	2795.4	2268.8	1819.4
5°	7880.4	7163.1	6463.9	5792.8	5148.3	4550.1	3961.3	3404.7	2865.6	2322.8	1854.9
2.5°	8006.0	7269.2	6553.7	5870.9	5208.5	4607.7	4006.9	3447.0	2905.7	2352.4	1877.2
0°	8029.2	7318.8	6581.9	5879.2	5243.1	4625.0	4018.9	3462.4	2916.1	2358.7	1884.2
-2.5°	8006.0	7269.2	6553.7	5870.9	5208.5	4607.7	4006.9	3447.0	2905.7	2352.4	1877.2
-5°	7880.4	7163.1	6463.9	5792.8	5148.3	4550.1	3961.3	3404.7	2865.6	2322.8	1854.9
-7.5°	7677.9	6987.7	6313.1	5664.5	5044.9	4454.1	3882.8	3334.6	2795.4	2268.8	1819.4
-10°	7400.7	6749.2	6109.4	5491.3	4895.5	4322.2	3771.6	3232.2	2698.6	2192.9	1768.6
-12.5°	7060.0	6452.7	5858.2	5272.1	4705.1	4156.5	3627.5	3098.7	2576.2	2095.8	1702.9
-15°	6660.9	6104.5	5558.8	5018.7	4485.1	3961.7	3452.9	2941.0	2433.5	1979.2	1622.4
-17.5°	6238.0	5728.0	5225.6	4722.7	4228.1	3740.8	3253.1	2761.3	2282.0	1859.4	1532.2
-20°	5793.9	5334.8	4872.1	4408.1	3945.8	3486.2	3027.6	2556.6	2115.4	1744.7	1449.8



REPORT NUMBER: P626943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5332.9	4924.2	4501.4	4073.4	3644.5	3214.7	2776.1	2334.9	1928.9	1615.7	1356.6
-25°	4866.3	4502.3	4123.1	3724.6	3325.8	2923.6	2504.5	2108.7	1770.2	1491.1	1256.7
-27.5°	4401.2	4075.6	3722.4	3356.3	2990.6	2612.2	2232.8	1877.9	1602.7	1368.6	1171.4
-30°	3936.5	3636.1	3313.4	2980.6	2641.3	2294.3	1952.0	1688.9	1453.3	1246.2	1078.8
-32.5°	3473.3	3199.6	2905.0	2600.3	2291.0	1981.9	1731.0	1505.8	1305.1	1140.0	994.5
-35°	3010.0	2760.6	2493.0	2226.0	1950.6	1729.8	1520.8	1339.0	1178.6	1033.6	910.6
-37.5°	2545.6	2324.9	2101.4	1873.5	1684.9	1502.5	1338.0	1190.5	1053.0	940.6	833.8
-40°	2106.4	1917.9	1761.4	1594.8	1450.0	1304.8	1177.0	1051.7	950.7	851.7	759.3
-42.5°	1734.4	1605.0	1483.1	1367.1	1247.4	1139.0	1032.1	941.7	852.8	769.3	693.5
-45°	1445.2	1356.4	1260.4	1172.9	1077.9	995.5	915.3	839.0	763.2	695.8	628.6
-47.5°	1219.0	1152.3	1077.6	1008.7	941.1	872.9	809.9	743.6	685.9	626.2	573.5
-50°	1032.9	982.5	927.9	872.4	821.4	766.3	715.2	665.0	614.7	567.3	519.9
-52.5°	877.5	842.0	802.3	758.3	717.2	675.5	631.9	593.8	552.3	511.3	470.6
-55°	755.6	727.1	696.2	662.2	627.2	595.7	562.3	528.6	494.6	457.7	425.0
-57.5°	652.9	629.2	605.0	579.0	551.5	525.0	497.6	468.2	440.2	411.0	381.4
-60°	563.3	544.1	525.6	505.5	483.8	460.5	438.0	414.4	389.8	365.5	340.8
-62.5°	482.1	471.5	454.4	436.9	419.8	402.6	382.1	361.4	341.5	321.4	300.7
-65°	402.7	391.8	379.4	368.8	356.0	340.9	324.0	309.2	294.7	278.7	260.9
-67.5°	333.7	325.6	316.3	306.4	297.0	286.0	274.7	262.6	250.0	235.8	222.2
-70°	278.3	273.2	266.6	258.3	249.7	240.4	230.8	220.2	207.7	194.1	183.4
-72.5°	233.0	229.9	225.0	217.6	209.3	200.5	191.3	180.8	168.9	155.3	145.1
-75°	192.4	190.3	186.6	179.7	172.1	164.0	155.3	144.6	132.4	118.6	108.5
-77.5°	151.3	150.3	148.3	142.6	136.9	131.1	123.8	111.5	99.2	87.3	79.7
-80°	108.9	108.9	107.8	103.6	99.2	94.6	89.0	79.5	70.3	61.7	55.7
-82.5°	68.9	67.7	66.1	63.9	61.5	59.2	56.5	50.5	44.7	39.2	34.7
-85°	30.7	29.9	28.9	28.9	28.8	28.4	27.8	24.9	22.2	19.6	17.4
-87.5°	5.2	5.3	5.4	5.7	5.9	6.1	6.3	6.1	5.9	5.7	5.5
-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: P626943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-750-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°	6.1	6.6	7.0	7.3	7.6	7.7	7.7	7.6	7.3	6.9	6.4
85°	18.1	18.5	18.4	17.9	16.7	15.4	15.4	15.2	14.6	13.8	12.7
82.5°	36.0	37.1	37.7	37.5	35.2	32.7	30.1	27.4	24.4	21.1	19.1
80°	57.8	59.1	59.5	58.5	54.4	50.0	46.1	42.2	38.3	33.9	29.0
77.5°	81.4	82.3	82.5	81.0	75.8	70.1	64.0	57.6	52.2	46.7	40.6
75°	106.7	107.0	106.8	104.0	97.6	90.3	82.9	74.9	66.9	59.5	52.2
72.5°	139.6	135.1	131.8	127.3	120.2	112.0	102.6	92.0	81.9	72.4	63.5
70°	174.0	164.6	157.2	150.4	142.5	133.8	123.4	110.0	96.5	85.0	74.3
67.5°	210.0	198.2	186.4	174.0	164.3	154.5	143.9	127.9	111.7	97.4	84.8
65°	245.0	230.5	217.1	201.0	186.9	174.9	162.9	144.8	126.3	109.6	95.1
62.5°	280.2	260.7	243.9	226.5	209.6	194.7	181.2	160.5	140.3	121.4	104.8
60°	316.4	293.5	270.7	250.6	231.5	213.4	196.6	175.8	153.8	132.6	114.1
57.5°	353.9	326.4	300.3	275.3	253.0	232.2	211.4	189.9	166.9	143.9	122.4
55°	391.7	360.8	330.1	301.4	275.0	251.3	226.8	203.3	179.5	154.9	129.0
52.5°	432.4	396.1	361.4	328.0	297.7	269.9	243.2	216.4	191.5	165.6	136.2
50°	475.4	433.5	393.9	356.5	320.3	289.3	259.3	230.9	203.1	175.8	143.0
47.5°	520.7	473.2	428.1	385.2	345.9	308.1	276.0	245.0	214.5	186.0	149.2
45°	570.5	514.0	463.3	416.2	370.5	329.4	292.5	258.7	226.8	193.2	154.7
42.5°	620.5	558.0	499.8	446.1	397.3	351.0	308.4	272.9	238.6	199.9	160.2
40°	678.2	603.0	536.4	478.3	423.7	371.5	326.6	286.6	249.6	206.5	165.5
37.5°	734.5	651.4	576.4	509.0	449.7	394.7	344.3	299.6	258.3	213.7	170.2
35°	800.8	701.5	614.5	541.5	476.6	416.8	360.9	312.9	267.8	220.6	174.5
32.5°	865.2	752.4	657.4	574.8	502.0	437.8	378.5	326.5	277.5	227.1	178.3
30°	935.9	807.8	697.9	605.9	527.1	459.3	396.3	339.3	287.3	233.3	181.9
27.5°	1003.9	858.8	737.3	638.9	553.7	479.4	412.7	351.3	297.1	239.8	186.4
25°	1071.3	914.0	780.6	670.4	578.2	497.8	427.7	362.5	306.7	247.1	190.4
22.5°	1144.4	967.4	819.7	698.6	600.2	514.5	442.1	374.8	315.6	254.0	193.9
20°	1211.6	1015.6	854.6	725.7	622.2	532.5	455.6	385.8	323.5	260.5	196.9
17.5°	1275.0	1064.5	893.5	754.9	642.9	548.4	467.5	395.5	330.5	266.5	199.3
15°	1341.5	1113.2	928.6	780.2	660.9	562.1	477.7	403.8	336.5	271.9	201.6
12.5°	1398.4	1154.3	958.0	801.5	676.0	573.6	486.2	410.7	341.5	276.5	203.7
10°	1445.2	1187.7	981.8	818.7	688.1	582.8	492.9	416.3	345.7	280.0	204.8
7.5°	1481.6	1213.3	999.7	831.7	697.5	590.0	498.5	420.6	349.0	282.5	205.1
5°	1507.1	1231.1	1012.9	840.9	704.5	595.2	502.5	423.5	351.2	283.9	204.5
2.5°	1520.5	1241.1	1021.0	845.8	708.6	598.0	504.8	425.0	352.3	284.1	203.1
0°	1522.6	1243.0	1023.3	846.4	709.6	598.4	505.2	424.9	352.2	283.0	200.9
-2.5°	1520.5	1241.1	1021.0	845.8	708.6	598.0	504.8	425.0	352.3	284.1	203.1
-5°	1507.1	1231.1	1012.9	840.9	704.5	595.2	502.5	423.5	351.2	283.9	204.5
-7.5°	1481.6	1213.3	999.7	831.7	697.5	590.0	498.5	420.6	349.0	282.5	205.1
-10°	1445.2	1187.7	981.8	818.7	688.1	582.8	492.9	416.3	345.7	280.0	204.8
-12.5°	1398.4	1154.3	958.0	801.5	676.0	573.6	486.2	410.7	341.5	276.5	203.7
-15°	1341.5	1113.2	928.6	780.2	660.9	562.1	477.7	403.8	336.5	271.9	201.6
-17.5°	1275.0	1064.5	893.5	754.9	642.9	548.4	467.5	395.5	330.5	266.5	199.3
-20°	1211.6	1015.6	854.6	725.7	622.2	532.5	455.6	385.8	323.5	260.5	196.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-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°	1144.4	967.4	819.7	698.6	600.2	514.5	442.1	374.8	315.6	254.0	193.9
-25°	1071.3	914.0	780.6	670.4	578.2	497.8	427.7	362.5	306.7	247.1	190.4
-27.5°	1003.9	858.8	737.3	638.9	553.7	479.4	412.7	351.3	297.1	239.8	186.4
-30°	935.9	807.8	697.9	605.9	527.1	459.3	396.3	339.3	287.3	233.3	181.9
-32.5°	865.2	752.4	657.4	574.8	502.0	437.8	378.5	326.5	277.5	227.1	178.3
-35°	800.8	701.5	614.5	541.5	476.6	416.8	360.9	312.9	267.8	220.6	174.5
-37.5°	734.5	651.4	576.4	509.0	449.7	394.7	344.3	299.6	258.3	213.7	170.2
-40°	678.2	603.0	536.4	478.3	423.7	371.5	326.6	286.6	249.6	206.5	165.5
-42.5°	620.5	558.0	499.8	446.1	397.3	351.0	308.4	272.9	238.6	199.9	160.2
-45°	570.5	514.0	463.3	416.2	370.5	329.4	292.5	258.7	226.8	193.2	154.7
-47.5°	520.7	473.2	428.1	385.2	345.9	308.1	276.0	245.0	214.5	186.0	149.2
-50°	475.4	433.5	393.9	356.5	320.3	289.3	259.3	230.9	203.1	175.8	143.0
-52.5°	432.4	396.1	361.4	328.0	297.7	269.9	243.2	216.4	191.5	165.6	136.2
-55°	391.7	360.8	330.1	301.4	275.0	251.3	226.8	203.3	179.5	154.9	129.0
-57.5°	353.9	326.4	300.3	275.3	253.0	232.2	211.4	189.9	166.9	143.9	122.4
-60°	316.4	293.5	270.7	250.6	231.5	213.4	196.6	175.8	153.8	132.6	114.1
-62.5°	280.2	260.7	243.9	226.5	209.6	194.7	181.2	160.5	140.3	121.4	104.8
-65°	245.0	230.5	217.1	201.0	186.9	174.9	162.9	144.8	126.3	109.6	95.1
-67.5°	210.0	198.2	186.4	174.0	164.3	154.5	143.9	127.9	111.7	97.4	84.8
-70°	174.0	164.6	157.2	150.4	142.5	133.8	123.4	110.0	96.5	85.0	74.3
-72.5°	139.6	135.1	131.8	127.3	120.2	112.0	102.6	92.0	81.9	72.4	63.5
-75°	106.7	107.0	106.8	104.0	97.6	90.3	82.9	74.9	66.9	59.5	52.2
-77.5°	81.4	82.3	82.5	81.0	75.8	70.1	64.0	57.6	52.2	46.7	40.6
-80°	57.8	59.1	59.5	58.5	54.4	50.0	46.1	42.2	38.3	33.9	29.0
-82.5°	36.0	37.1	37.7	37.5	35.2	32.7	30.1	27.4	24.4	21.1	19.1
-85°	18.1	18.5	18.4	17.9	16.7	15.4	15.4	15.2	14.6	13.8	12.7
-87.5°	6.1	6.6	7.0	7.3	7.6	7.7	7.7	7.6	7.3	6.9	6.4
-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: P626943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-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°	5.7	4.5	3.3	2.3	1.4	0.6	0.0
85°	11.5	8.9	6.7	4.6	2.8	1.2	0.0
82.5°	17.1	13.4	9.9	6.9	4.2	1.8	0.0
80°	23.3	17.7	13.2	9.2	5.6	2.4	0.0
77.5°	33.2	23.1	16.4	11.4	7.0	3.0	0.0
75°	42.9	30.2	19.9	13.6	8.3	3.6	0.0
72.5°	52.3	37.1	24.7	15.7	9.6	4.2	0.0
70°	61.2	43.7	29.2	18.0	10.9	4.8	0.0
67.5°	68.9	50.0	33.6	20.8	12.1	5.3	0.0
65°	76.3	55.8	37.8	23.5	13.3	5.9	0.0
62.5°	83.2	61.1	41.8	26.0	14.5	6.4	0.0
60°	89.7	66.1	45.4	28.4	15.6	6.9	0.0
57.5°	95.5	70.8	48.9	30.7	17.0	7.4	0.0
55°	100.9	75.0	52.1	32.7	18.3	7.9	0.0
52.5°	105.9	78.9	55.0	34.6	19.6	8.3	0.0
50°	110.4	82.5	57.6	36.3	20.8	8.7	0.0
47.5°	114.6	85.8	60.0	37.9	21.9	9.2	0.0
45°	119.3	88.7	62.1	39.4	23.0	9.5	0.0
42.5°	123.4	91.2	63.9	40.8	24.0	9.9	0.0
40°	127.1	93.3	65.5	42.3	25.0	10.2	0.0
37.5°	130.2	95.0	67.0	43.8	25.9	10.5	0.0
35°	132.8	96.9	68.1	45.2	26.7	10.8	0.0
32.5°	135.2	98.8	69.0	46.5	27.5	11.1	0.0
30°	137.9	100.2	69.7	47.6	28.2	11.3	0.0
27.5°	140.1	101.2	71.2	48.6	28.8	11.5	0.0
25°	141.8	101.8	72.6	49.5	29.4	11.7	0.0
22.5°	143.0	102.6	73.9	50.3	29.8	11.8	0.0
20°	143.7	104.5	74.9	50.9	30.2	12.0	0.0
17.5°	145.3	106.0	75.8	51.4	30.6	12.0	0.0
15°	147.2	107.2	76.6	51.8	30.8	12.1	0.0
12.5°	148.6	108.1	77.1	52.0	31.0	12.2	0.0
10°	149.5	108.7	77.5	52.1	31.1	12.2	0.0
7.5°	149.9	108.9	77.6	52.1	31.1	12.2	0.0
5°	149.7	108.8	77.6	52.0	31.1	12.1	0.0
2.5°	149.0	108.4	77.3	51.7	31.0	12.1	0.0
0°	147.9	107.7	76.9	51.3	30.8	12.0	0.0
-2.5°	149.0	108.4	77.3	51.7	31.0	12.1	0.0
-5°	149.7	108.8	77.6	52.0	31.1	12.1	0.0
-7.5°	149.9	108.9	77.6	52.1	31.1	12.2	0.0
-10°	149.5	108.7	77.5	52.1	31.1	12.2	0.0
-12.5°	148.6	108.1	77.1	52.0	31.0	12.2	0.0
-15°	147.2	107.2	76.6	51.8	30.8	12.1	0.0
-17.5°	145.3	106.0	75.8	51.4	30.6	12.0	0.0
-20°	143.7	104.5	74.9	50.9	30.2	12.0	0.0

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CATALOG NUMBER: GFLD-SA2C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	143.0	102.6	73.9	50.3	29.8	11.8	0.0
-25°	141.8	101.8	72.6	49.5	29.4	11.7	0.0
-27.5°	140.1	101.2	71.2	48.6	28.8	11.5	0.0
-30°	137.9	100.2	69.7	47.6	28.2	11.3	0.0
-32.5°	135.2	98.8	69.0	46.5	27.5	11.1	0.0
-35°	132.8	96.9	68.1	45.2	26.7	10.8	0.0
-37.5°	130.2	95.0	67.0	43.8	25.9	10.5	0.0
-40°	127.1	93.3	65.5	42.3	25.0	10.2	0.0
-42.5°	123.4	91.2	63.9	40.8	24.0	9.9	0.0
-45°	119.3	88.7	62.1	39.4	23.0	9.5	0.0
-47.5°	114.6	85.8	60.0	37.9	21.9	9.2	0.0
-50°	110.4	82.5	57.6	36.3	20.8	8.7	0.0
-52.5°	105.9	78.9	55.0	34.6	19.6	8.3	0.0
-55°	100.9	75.0	52.1	32.7	18.3	7.9	0.0
-57.5°	95.5	70.8	48.9	30.7	17.0	7.4	0.0
-60°	89.7	66.1	45.4	28.4	15.6	6.9	0.0
-62.5°	83.2	61.1	41.8	26.0	14.5	6.4	0.0
-65°	76.3	55.8	37.8	23.5	13.3	5.9	0.0
-67.5°	68.9	50.0	33.6	20.8	12.1	5.3	0.0
-70°	61.2	43.7	29.2	18.0	10.9	4.8	0.0
-72.5°	52.3	37.1	24.7	15.7	9.6	4.2	0.0
-75°	42.9	30.2	19.9	13.6	8.3	3.6	0.0
-77.5°	33.2	23.1	16.4	11.4	7.0	3.0	0.0
-80°	23.3	17.7	13.2	9.2	5.6	2.4	0.0
-82.5°	17.1	13.4	9.9	6.9	4.2	1.8	0.0
-85°	11.5	8.9	6.7	4.6	2.8	1.2	0.0
-87.5°	5.7	4.5	3.3	2.3	1.4	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)