

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-727-U-VWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-727-U-VWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N42
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

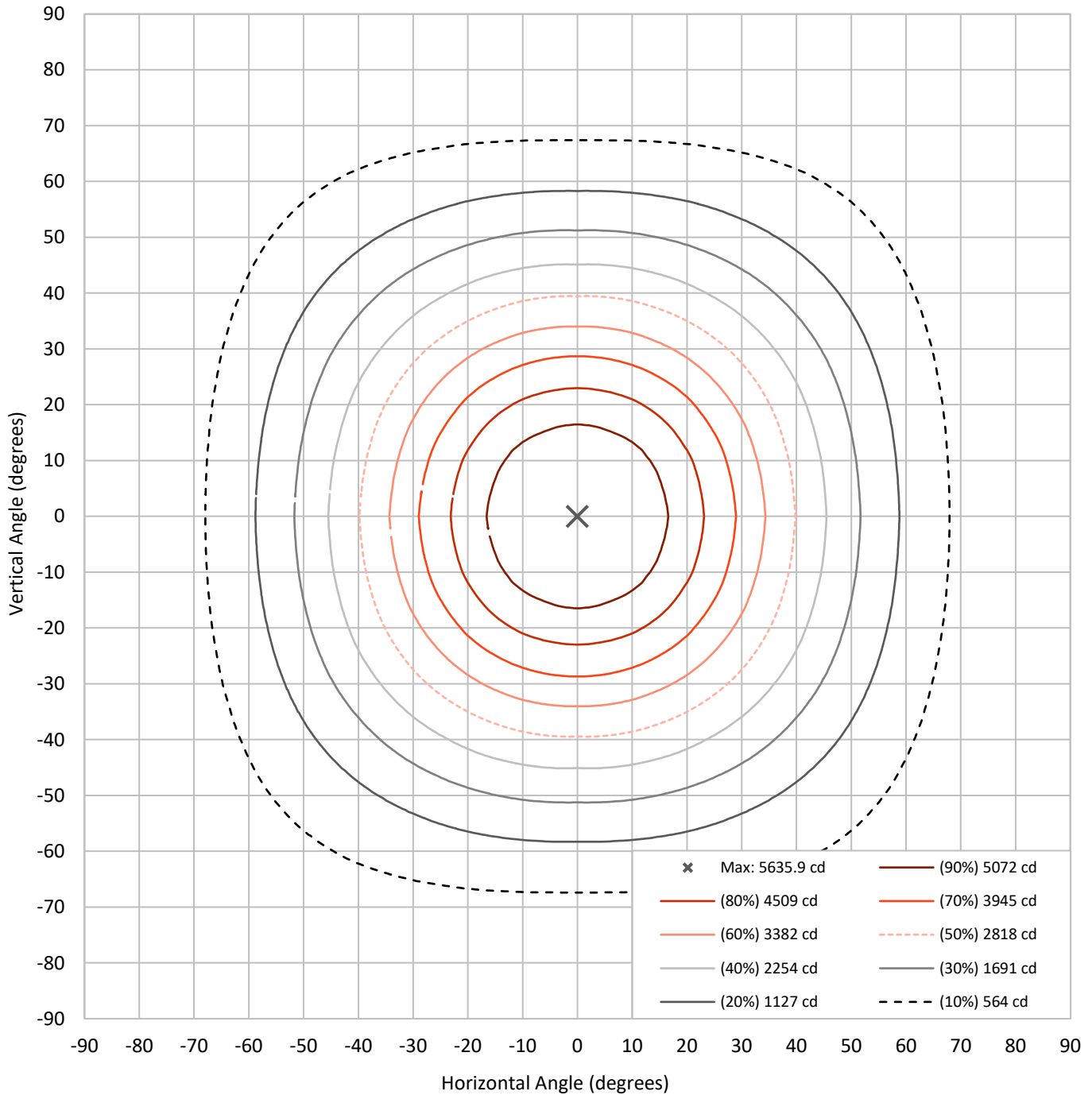
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	10186.3 lumens	Max Intensity:	5635.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	5974.3 lumens	Field Lumens:	9710.9 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	121.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





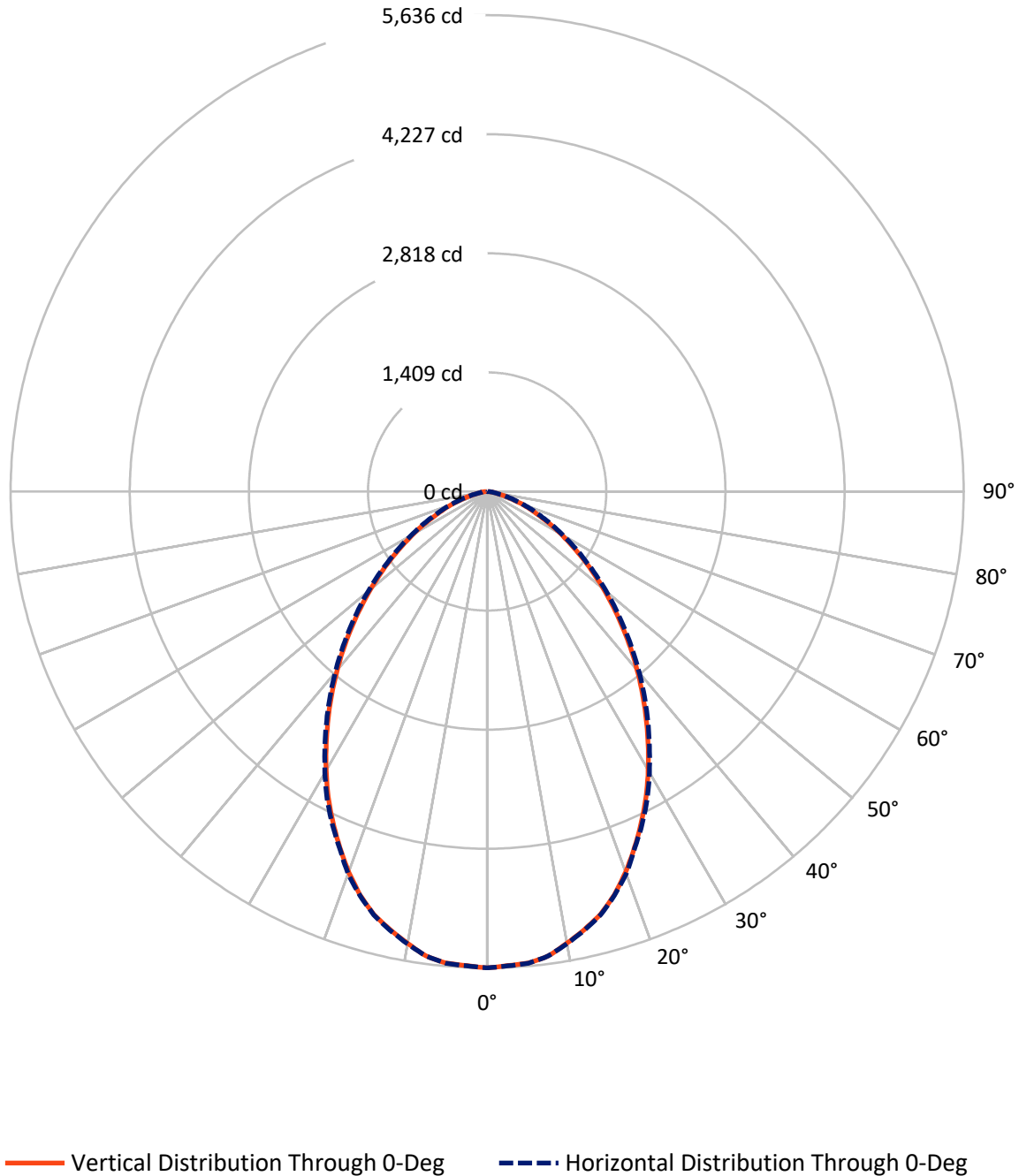
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Lumen Table

90																			
80	0.3	4.2	11.4	19.3	18.2	19.3	11.4	4.2	0.3										
70																			
60	1.9	2.6	5.3	9.0	13.2	17.0	19.9	21.2	21.2	19.9	17.0	13.2	9.0	5.3	2.6	1.9			
50		3.9	8.6	15.3	23.1	31.4	38.3	41.8	41.8	38.3	31.4	23.1	15.3	8.6	3.9				
40	3.3	5.3	12.4	22.9	36.2	50.2	61.9	68.4	68.4	61.9	50.2	36.2	22.9	12.4	5.3	3.3			
30		6.7	16.4	31.5	50.7	71.1	88.5	98.4	98.4	88.5	71.1	50.7	31.5	16.4	6.7				
20	4.3	8.0	20.2	39.6	64.6	91.7	115.3	128.9	128.9	115.3	91.7	64.6	39.6	20.2	8.0	4.3			
10		9.0	23.1	45.6	75.4	108.3	137.4	153.9	153.9	137.4	108.3	75.4	45.6	23.1	9.0				
0	4.7	9.5	24.7	49.1	81.4	117.6	149.3	166.7	166.7	149.3	117.6	81.4	49.1	24.7	9.5	4.7			
-10		9.5	24.7	49.1	81.4	117.6	149.3	166.7	166.7	149.3	117.6	81.4	49.1	24.7	9.5				
-20	4.3	9.0	23.1	45.6	75.4	108.3	137.4	153.9	153.9	137.4	108.3	75.4	45.6	23.1	9.0	4.3			
-30		8.0	20.2	39.6	64.6	91.7	115.3	128.9	128.9	115.3	91.7	64.6	39.6	20.2	8.0				
-40	3.3	6.7	16.4	31.5	50.7	71.1	88.5	98.4	98.4	88.5	71.1	50.7	31.5	16.4	6.7	3.3			
-50		5.3	12.4	22.9	36.2	50.2	61.9	68.4	68.4	61.9	50.2	36.2	22.9	12.4	5.3				
-60	1.9	3.9	8.6	15.3	23.1	31.4	38.3	41.8	41.8	38.3	31.4	23.1	15.3	8.6	3.9	1.9			
-70		2.6	5.3	9.0	13.2	17.0	19.9	21.2	21.2	19.9	17.0	13.2	9.0	5.3	2.6				
-80	0.3	4.2	11.4	19.3	18.2	19.3	11.4	4.2	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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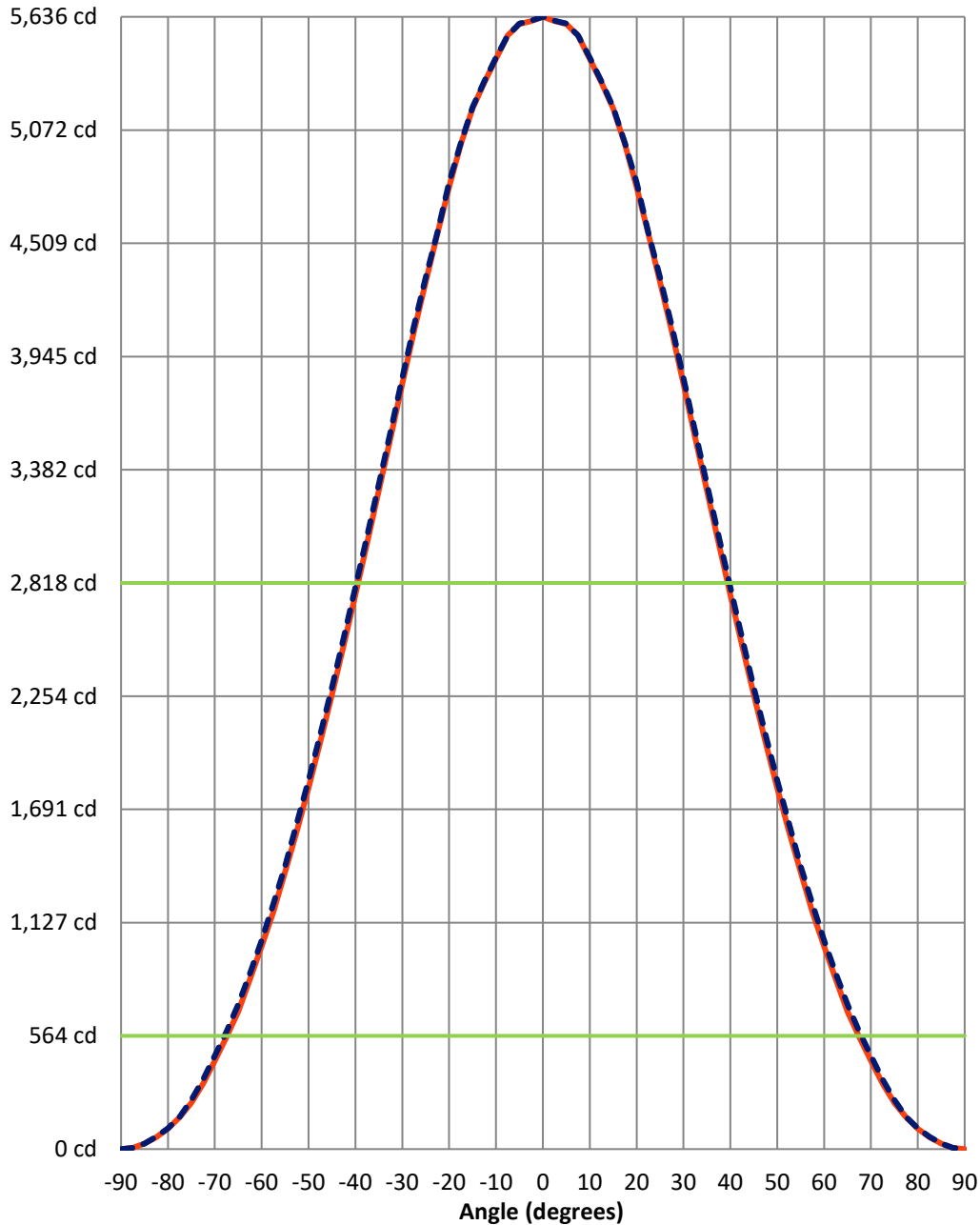
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 5974.3
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 9710.9
 Efficiency: 95.3%

Spill:
 Lumens: 475.4
 Efficiency: 4.7%

— 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	0.3	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.2	3.5
85°	0.0	0.6	1.5	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.1
82.5°	0.0	1.0	2.2	3.3	4.4	5.4	6.5	7.6	9.5	14.9	20.2
80°	0.0	1.3	2.9	4.4	5.8	7.2	9.8	17.5	24.9	32.0	38.8
77.5°	0.0	1.6	3.6	5.4	7.2	11.4	21.4	31.1	40.2	48.9	59.8
75°	0.0	1.9	4.3	6.5	9.4	19.7	32.7	44.6	56.0	71.6	88.2
72.5°	0.0	2.2	5.0	7.6	15.1	27.8	43.7	59.1	77.0	96.0	116.2
70°	0.0	2.5	5.7	9.1	20.5	35.6	54.7	76.5	97.6	120.0	146.2
67.5°	0.0	2.8	6.3	12.4	25.8	43.1	67.9	93.6	117.7	146.0	176.1
65°	0.0	3.1	6.9	15.7	30.8	51.5	80.5	110.1	139.4	171.3	204.0
62.5°	0.0	3.3	7.5	18.8	35.5	60.7	92.4	127.4	160.4	195.4	229.0
60°	0.0	3.6	8.1	21.7	40.0	69.4	103.7	144.5	180.7	218.0	253.6
57.5°	0.0	3.9	9.8	24.5	45.9	77.5	115.6	160.5	200.6	240.2	277.0
55°	0.0	4.1	11.4	27.0	51.6	85.1	126.8	174.3	220.2	261.6	299.4
52.5°	0.0	4.3	12.9	29.4	56.9	92.3	137.2	188.7	239.3	281.3	321.2
50°	0.0	4.6	14.4	31.6	61.7	99.9	146.7	202.3	257.5	300.4	346.3
47.5°	0.0	4.8	15.8	33.8	66.1	106.9	155.7	215.0	274.0	319.0	370.8
45°	0.0	5.0	17.2	36.8	70.1	113.2	165.6	226.7	286.8	339.9	394.3
42.5°	0.0	5.2	18.4	39.4	73.6	118.8	174.7	237.4	299.0	360.0	421.9
40°	0.0	5.3	19.6	42.1	77.2	123.7	182.9	247.6	311.8	378.8	448.8
37.5°	0.0	5.5	20.8	44.8	80.7	127.9	190.3	257.2	326.1	396.6	474.1
35°	0.0	5.7	21.8	47.3	83.7	132.7	196.8	266.3	340.0	417.1	499.6
32.5°	0.0	5.8	22.8	49.6	86.2	137.5	202.9	274.8	353.5	436.9	526.5
30°	0.0	5.9	23.6	51.8	88.2	141.7	209.2	283.3	366.6	455.7	551.7
27.5°	0.0	6.0	24.4	53.7	91.2	145.1	214.8	293.2	380.0	473.7	575.0
25°	0.0	6.1	25.1	55.4	94.1	147.8	219.7	302.4	394.0	491.9	596.6
22.5°	0.0	6.2	25.8	56.9	96.6	150.5	224.0	310.8	406.9	509.1	619.6
20°	0.0	6.3	26.3	58.2	98.7	154.2	227.5	318.4	418.6	524.5	640.3
17.5°	0.0	6.3	26.7	59.3	100.5	157.3	231.9	325.0	429.1	538.0	658.5
15°	0.0	6.3	27.1	60.2	102.0	159.6	236.4	331.4	438.1	549.6	674.2
12.5°	0.0	6.4	27.4	60.9	103.1	161.4	240.2	337.3	446.3	559.2	687.3
10°	0.0	6.4	27.6	61.4	103.8	162.4	243.0	341.9	453.4	568.3	698.4
7.5°	0.0	6.4	27.7	61.7	104.3	162.8	244.9	345.1	458.8	575.5	708.0
5°	0.0	6.4	27.7	61.7	104.3	162.6	245.9	346.9	462.6	580.8	714.8
2.5°	0.0	6.3	27.6	61.6	104.1	161.9	245.9	347.4	464.6	584.0	718.9
0°	0.0	6.3	27.5	61.3	103.5	160.5	245.0	346.4	464.7	585.1	720.3
-2.5°	0.0	6.3	27.6	61.6	104.1	161.9	245.9	347.4	464.6	584.0	718.9
-5°	0.0	6.4	27.7	61.7	104.3	162.6	245.9	346.9	462.6	580.8	714.8
-7.5°	0.0	6.4	27.7	61.7	104.3	162.8	244.9	345.1	458.8	575.5	708.0
-10°	0.0	6.4	27.6	61.4	103.8	162.4	243.0	341.9	453.4	568.3	698.4
-12.5°	0.0	6.4	27.4	60.9	103.1	161.4	240.2	337.3	446.3	559.2	687.3
-15°	0.0	6.3	27.1	60.2	102.0	159.6	236.4	331.4	438.1	549.6	674.2
-17.5°	0.0	6.3	26.7	59.3	100.5	157.3	231.9	325.0	429.1	538.0	658.5
-20°	0.0	6.3	26.3	58.2	98.7	154.2	227.5	318.4	418.6	524.5	640.3

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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	6.2	25.8	56.9	96.6	150.5	224.0	310.8	406.9	509.1	619.6
-25°	0.0	6.1	25.1	55.4	94.1	147.8	219.7	302.4	394.0	491.9	596.6
-27.5°	0.0	6.0	24.4	53.7	91.2	145.1	214.8	293.2	380.0	473.7	575.0
-30°	0.0	5.9	23.6	51.8	88.2	141.7	209.2	283.3	366.6	455.7	551.7
-32.5°	0.0	5.8	22.8	49.6	86.2	137.5	202.9	274.8	353.5	436.9	526.5
-35°	0.0	5.7	21.8	47.3	83.7	132.7	196.8	266.3	340.0	417.1	499.6
-37.5°	0.0	5.5	20.8	44.8	80.7	127.9	190.3	257.2	326.1	396.6	474.1
-40°	0.0	5.3	19.6	42.1	77.2	123.7	182.9	247.6	311.8	378.8	448.8
-42.5°	0.0	5.2	18.4	39.4	73.6	118.8	174.7	237.4	299.0	360.0	421.9
-45°	0.0	5.0	17.2	36.8	70.1	113.2	165.6	226.7	286.8	339.9	394.3
-47.5°	0.0	4.8	15.8	33.8	66.1	106.9	155.7	215.0	274.0	319.0	370.8
-50°	0.0	4.6	14.4	31.6	61.7	99.9	146.7	202.3	257.5	300.4	346.3
-52.5°	0.0	4.3	12.9	29.4	56.9	92.3	137.2	188.7	239.3	281.3	321.2
-55°	0.0	4.1	11.4	27.0	51.6	85.1	126.8	174.3	220.2	261.6	299.4
-57.5°	0.0	3.9	9.8	24.5	45.9	77.5	115.6	160.5	200.6	240.2	277.0
-60°	0.0	3.6	8.1	21.7	40.0	69.4	103.7	144.5	180.7	218.0	253.6
-62.5°	0.0	3.3	7.5	18.8	35.5	60.7	92.4	127.4	160.4	195.4	229.0
-65°	0.0	3.1	6.9	15.7	30.8	51.5	80.5	110.1	139.4	171.3	204.0
-67.5°	0.0	2.8	6.3	12.4	25.8	43.1	67.9	93.6	117.7	146.0	176.1
-70°	0.0	2.5	5.7	9.1	20.5	35.6	54.7	76.5	97.6	120.0	146.2
-72.5°	0.0	2.2	5.0	7.6	15.1	27.8	43.7	59.1	77.0	96.0	116.2
-75°	0.0	1.9	4.3	6.5	9.4	19.7	32.7	44.6	56.0	71.6	88.2
-77.5°	0.0	1.6	3.6	5.4	7.2	11.4	21.4	31.1	40.2	48.9	59.8
-80°	0.0	1.3	2.9	4.4	5.8	7.2	9.8	17.5	24.9	32.0	38.8
-82.5°	0.0	1.0	2.2	3.3	4.4	5.4	6.5	7.6	9.5	14.9	20.2
-85°	0.0	0.6	1.5	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.1
-87.5°	0.0	0.3	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.2	3.5
-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°	4.1	4.7	5.4	6.1	6.1	6.1	6.0	5.9	6.2	6.4	6.7
85°	8.2	9.5	13.2	16.7	18.4	19.5	19.9	19.9	23.1	26.9	30.9
82.5°	25.7	31.0	36.0	40.9	42.1	42.1	41.7	41.8	49.4	58.2	67.1
80°	45.8	52.5	61.4	69.3	72.7	74.5	75.3	75.2	84.8	97.6	111.1
77.5°	72.6	83.9	93.7	102.1	106.6	110.6	113.9	116.3	128.7	144.9	160.9
75°	103.2	115.6	127.9	138.6	146.2	151.7	156.9	165.3	181.5	200.4	216.8
72.5°	135.4	151.3	165.0	176.7	187.2	198.4	211.0	224.8	241.9	260.7	277.9
70°	169.9	187.3	201.7	215.8	230.1	246.9	265.7	284.3	303.3	324.1	344.2
67.5°	203.6	220.4	237.4	255.1	276.6	299.1	321.3	346.9	373.0	396.1	416.8
65°	232.9	252.6	273.8	297.9	324.4	353.0	382.7	413.3	446.4	474.2	499.5
62.5°	260.9	284.6	310.3	340.3	374.2	408.0	445.8	484.2	521.5	554.2	584.4
60°	286.7	315.3	347.9	384.7	424.2	469.2	512.3	555.9	596.7	633.8	672.0
57.5°	311.7	347.8	386.9	431.0	481.1	531.6	582.2	629.1	675.4	720.5	763.7
55°	338.2	381.8	428.3	482.4	538.8	598.5	653.1	705.4	756.3	811.1	863.2
52.5°	367.4	416.1	474.3	534.9	600.0	664.1	724.0	783.6	845.2	907.2	975.0
50°	395.6	456.2	520.1	590.5	660.9	729.5	798.2	866.9	940.7	1016.7	1093.5
47.5°	428.5	494.7	570.1	645.6	722.5	798.8	875.5	958.4	1042.3	1130.5	1215.5
45°	461.9	536.2	617.4	702.9	786.0	870.5	960.1	1051.9	1150.2	1247.2	1349.4
42.5°	493.5	577.5	667.0	759.3	851.8	946.2	1044.8	1151.9	1259.4	1371.2	1483.5
40°	528.4	616.7	715.4	817.1	917.5	1022.2	1134.8	1250.8	1372.4	1495.4	1617.3
37.5°	562.0	659.1	762.9	872.3	984.9	1100.0	1222.3	1353.9	1485.8	1618.2	1752.7
35°	593.5	699.3	811.7	927.9	1047.3	1178.2	1314.9	1455.5	1598.4	1741.5	1886.2
32.5°	625.9	737.2	858.4	982.7	1114.3	1254.7	1404.4	1556.7	1708.9	1861.8	2020.1
30°	658.4	776.9	903.6	1034.5	1178.5	1331.4	1492.3	1653.7	1814.7	1982.9	2151.7
27.5°	689.0	814.7	947.9	1088.1	1240.0	1402.5	1573.4	1746.2	1919.8	2098.7	2278.7
25°	717.3	850.4	989.1	1139.7	1300.7	1470.9	1648.9	1829.2	2019.7	2211.0	2399.0
22.5°	744.9	883.2	1027.3	1187.2	1355.6	1534.4	1719.7	1910.2	2109.2	2314.7	2509.2
20°	771.4	914.4	1064.5	1230.2	1404.8	1591.6	1784.1	1983.6	2192.3	2403.3	2612.6
17.5°	794.9	942.2	1099.0	1270.4	1451.8	1643.8	1842.1	2048.1	2266.2	2484.9	2706.6
15°	815.4	966.4	1129.0	1305.5	1493.3	1691.3	1896.0	2107.8	2331.5	2559.3	2789.7
12.5°	832.7	986.9	1154.2	1335.4	1528.5	1732.1	1942.3	2161.6	2391.3	2625.4	2862.6
10°	846.8	1003.5	1174.6	1359.8	1557.3	1765.8	1980.4	2205.9	2442.5	2681.7	2923.8
7.5°	858.8	1017.5	1190.8	1378.6	1579.5	1792.1	2010.1	2240.4	2483.2	2725.5	2973.0
5°	867.5	1028.7	1205.7	1394.3	1598.8	1812.7	2032.5	2265.1	2513.1	2756.8	3008.7
2.5°	872.7	1036.0	1215.8	1404.6	1613.9	1828.2	2052.5	2286.8	2534.9	2781.6	3035.5
0°	874.5	1039.3	1221.0	1409.0	1622.3	1835.7	2063.8	2298.3	2545.4	2796.8	3052.4
-2.5°	872.7	1036.0	1215.8	1404.6	1613.9	1828.2	2052.5	2286.8	2534.9	2781.6	3035.5
-5°	867.5	1028.7	1205.7	1394.3	1598.8	1812.7	2032.5	2265.1	2513.1	2756.8	3008.7
-7.5°	858.8	1017.5	1190.8	1378.6	1579.5	1792.1	2010.1	2240.4	2483.2	2725.5	2973.0
-10°	846.8	1003.5	1174.6	1359.8	1557.3	1765.8	1980.4	2205.9	2442.5	2681.7	2923.8
-12.5°	832.7	986.9	1154.2	1335.4	1528.5	1732.1	1942.3	2161.6	2391.3	2625.4	2862.6
-15°	815.4	966.4	1129.0	1305.5	1493.3	1691.3	1896.0	2107.8	2331.5	2559.3	2789.7
-17.5°	794.9	942.2	1099.0	1270.4	1451.8	1643.8	1842.1	2048.1	2266.2	2484.9	2706.6
-20°	771.4	914.4	1064.5	1230.2	1404.8	1591.6	1784.1	1983.6	2192.3	2403.3	2612.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	744.9	883.2	1027.3	1187.2	1355.6	1534.4	1719.7	1910.2	2109.2	2314.7	2509.2
-25°	717.3	850.4	989.1	1139.7	1300.7	1470.9	1648.9	1829.2	2019.7	2211.0	2399.0
-27.5°	689.0	814.7	947.9	1088.1	1240.0	1402.5	1573.4	1746.2	1919.8	2098.7	2278.7
-30°	658.4	776.9	903.6	1034.5	1178.5	1331.4	1492.3	1653.7	1814.7	1982.9	2151.7
-32.5°	625.9	737.2	858.4	982.7	1114.3	1254.7	1404.4	1556.7	1708.9	1861.8	2020.1
-35°	593.5	699.3	811.7	927.9	1047.3	1178.2	1314.9	1455.5	1598.4	1741.5	1886.2
-37.5°	562.0	659.1	762.9	872.3	984.9	1100.0	1222.3	1353.9	1485.8	1618.2	1752.7
-40°	528.4	616.7	715.4	817.1	917.5	1022.2	1134.8	1250.8	1372.4	1495.4	1617.3
-42.5°	493.5	577.5	667.0	759.3	851.8	946.2	1044.8	1151.9	1259.4	1371.2	1483.5
-45°	461.9	536.2	617.4	702.9	786.0	870.5	960.1	1051.9	1150.2	1247.2	1349.4
-47.5°	428.5	494.7	570.1	645.6	722.5	798.8	875.5	958.4	1042.3	1130.5	1215.5
-50°	395.6	456.2	520.1	590.5	660.9	729.5	798.2	866.9	940.7	1016.7	1093.5
-52.5°	367.4	416.1	474.3	534.9	600.0	664.1	724.0	783.6	845.2	907.2	975.0
-55°	338.2	381.8	428.3	482.4	538.8	598.5	653.1	705.4	756.3	811.1	863.2
-57.5°	311.7	347.8	386.9	431.0	481.1	531.6	582.2	629.1	675.4	720.5	763.7
-60°	286.7	315.3	347.9	384.7	424.2	469.2	512.3	555.9	596.7	633.8	672.0
-62.5°	260.9	284.6	310.3	340.3	374.2	408.0	445.8	484.2	521.5	554.2	584.4
-65°	232.9	252.6	273.8	297.9	324.4	353.0	382.7	413.3	446.4	474.2	499.5
-67.5°	203.6	220.4	237.4	255.1	276.6	299.1	321.3	346.9	373.0	396.1	416.8
-70°	169.9	187.3	201.7	215.8	230.1	246.9	265.7	284.3	303.3	324.1	344.2
-72.5°	135.4	151.3	165.0	176.7	187.2	198.4	211.0	224.8	241.9	260.7	277.9
-75°	103.2	115.6	127.9	138.6	146.2	151.7	156.9	165.3	181.5	200.4	216.8
-77.5°	72.6	83.9	93.7	102.1	106.6	110.6	113.9	116.3	128.7	144.9	160.9
-80°	45.8	52.5	61.4	69.3	72.7	74.5	75.3	75.2	84.8	97.6	111.1
-82.5°	25.7	31.0	36.0	40.9	42.1	42.1	41.7	41.8	49.4	58.2	67.1
-85°	8.2	9.5	13.2	16.7	18.4	19.5	19.9	19.9	23.1	26.9	30.9
-87.5°	4.1	4.7	5.4	6.1	6.1	6.1	6.0	5.9	6.2	6.4	6.7
-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: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-VWR-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°	6.9	7.1	7.3	7.5	7.6	7.8	7.9	8.0	8.1	7.7	7.2
85°	35.3	37.8	40.1	42.3	44.4	46.5	48.3	50.1	51.7	47.2	42.3
82.5°	76.2	82.3	88.1	93.9	99.6	101.1	101.5	101.3	100.5	92.7	83.9
80°	124.4	134.7	144.5	154.2	163.7	164.8	163.7	161.8	159.0	148.7	137.0
77.5°	177.0	190.0	201.4	211.9	221.4	223.2	223.0	222.5	221.7	211.2	198.4
75°	230.9	243.7	256.0	266.4	275.1	279.1	281.1	282.5	283.2	275.7	265.7
72.5°	293.4	306.7	317.5	327.7	336.3	342.5	347.0	350.3	352.6	350.4	346.3
70°	361.3	375.5	387.5	398.9	410.6	419.9	427.0	432.1	435.3	437.5	439.0
67.5°	437.7	456.8	473.4	487.6	501.7	514.9	525.8	534.6	541.5	547.3	551.8
65°	523.7	548.1	569.8	589.6	607.8	627.0	642.7	655.9	666.6	675.4	682.4
62.5°	614.2	644.1	671.9	698.8	725.3	751.3	771.3	789.5	805.7	819.6	830.6
60°	708.2	742.2	779.5	815.1	847.8	877.8	907.5	933.3	955.3	973.6	988.3
57.5°	809.2	853.3	896.9	941.1	982.9	1022.0	1058.6	1090.9	1118.2	1140.6	1159.4
55°	918.4	973.5	1024.1	1079.8	1133.7	1182.8	1226.0	1264.0	1296.8	1324.3	1347.7
52.5°	1038.4	1105.3	1171.1	1234.5	1295.7	1352.6	1404.4	1448.6	1487.9	1521.6	1548.5
50°	1169.8	1246.3	1322.5	1393.1	1463.4	1529.0	1588.3	1639.6	1685.4	1725.0	1756.2
47.5°	1307.1	1394.3	1479.3	1560.1	1637.9	1710.9	1775.1	1833.5	1890.6	1937.2	1974.0
45°	1449.7	1547.5	1641.3	1733.7	1819.4	1901.1	1980.3	2053.2	2111.7	2163.0	2206.1
42.5°	1594.1	1703.2	1808.2	1909.0	2003.2	2097.7	2186.8	2266.5	2333.3	2391.5	2440.4
40°	1740.3	1859.7	1975.5	2085.4	2193.1	2296.1	2392.5	2476.5	2551.8	2621.0	2678.7
37.5°	1885.8	2017.2	2145.4	2268.5	2387.1	2498.8	2602.9	2697.8	2782.8	2861.6	2925.7
35°	2032.0	2176.1	2316.5	2452.0	2581.5	2704.7	2818.7	2926.7	3026.9	3106.7	3172.2
32.5°	2177.5	2332.5	2485.3	2634.4	2776.2	2909.0	3032.5	3151.9	3255.0	3342.7	3418.1
30°	2318.4	2486.3	2652.6	2814.4	2967.6	3111.5	3248.3	3374.4	3485.2	3581.3	3665.8
27.5°	2456.6	2637.0	2815.5	2988.3	3153.9	3310.3	3459.5	3596.3	3717.3	3821.6	3910.7
25°	2587.3	2781.1	2971.4	3154.6	3331.5	3504.0	3665.2	3814.5	3943.6	4058.2	4149.8
22.5°	2712.1	2918.9	3118.8	3311.5	3500.7	3686.7	3863.1	4019.0	4155.9	4275.7	4377.0
20°	2828.4	3050.0	3254.5	3458.3	3657.6	3856.1	4045.6	4210.1	4354.9	4482.4	4594.1
17.5°	2937.2	3164.4	3379.7	3596.7	3806.8	4015.0	4207.5	4383.8	4540.1	4675.5	4792.5
15°	3029.2	3258.6	3493.8	3725.5	3947.0	4157.9	4350.2	4534.4	4707.9	4854.3	4973.0
12.5°	3103.7	3342.3	3587.7	3833.6	4067.9	4278.5	4479.8	4666.7	4848.9	5013.4	5122.4
10°	3167.2	3412.9	3666.2	3917.0	4154.4	4377.3	4596.2	4793.7	4972.8	5120.1	5241.8
7.5°	3222.1	3475.2	3732.4	3983.7	4220.3	4450.6	4675.9	4885.7	5066.5	5205.3	5313.9
5°	3262.6	3521.7	3783.9	4037.5	4277.4	4508.4	4734.8	4941.9	5118.4	5259.6	5378.1
2.5°	3291.5	3553.1	3817.2	4071.1	4316.4	4548.0	4780.0	4989.4	5160.3	5289.7	5403.1
0°	3310.1	3572.1	3838.2	4098.0	4338.9	4562.8	4812.0	5008.5	5185.9	5314.8	5433.1
-2.5°	3291.5	3553.1	3817.2	4071.1	4316.4	4548.0	4780.0	4989.4	5160.3	5289.7	5403.1
-5°	3262.6	3521.7	3783.9	4037.5	4277.4	4508.4	4734.8	4941.9	5118.4	5259.6	5378.1
-7.5°	3222.1	3475.2	3732.4	3983.7	4220.3	4450.6	4675.9	4885.7	5066.5	5205.3	5313.9
-10°	3167.2	3412.9	3666.2	3917.0	4154.4	4377.3	4596.2	4793.7	4972.8	5120.1	5241.8
-12.5°	3103.7	3342.3	3587.7	3833.6	4067.9	4278.5	4479.8	4666.7	4848.9	5013.4	5122.4
-15°	3029.2	3258.6	3493.8	3725.5	3947.0	4157.9	4350.2	4534.4	4707.9	4854.3	4973.0
-17.5°	2937.2	3164.4	3379.7	3596.7	3806.8	4015.0	4207.5	4383.8	4540.1	4675.5	4792.5
-20°	2828.4	3050.0	3254.5	3458.3	3657.6	3856.1	4045.6	4210.1	4354.9	4482.4	4594.1

Classified

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



REPORT NUMBER: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2712.1	2918.9	3118.8	3311.5	3500.7	3686.7	3863.1	4019.0	4155.9	4275.7	4377.0
-25°	2587.3	2781.1	2971.4	3154.6	3331.5	3504.0	3665.2	3814.5	3943.6	4058.2	4149.8
-27.5°	2456.6	2637.0	2815.5	2988.3	3153.9	3310.3	3459.5	3596.3	3717.3	3821.6	3910.7
-30°	2318.4	2486.3	2652.6	2814.4	2967.6	3111.5	3248.3	3374.4	3485.2	3581.3	3665.8
-32.5°	2177.5	2332.5	2485.3	2634.4	2776.2	2909.0	3032.5	3151.9	3255.0	3342.7	3418.1
-35°	2032.0	2176.1	2316.5	2452.0	2581.5	2704.7	2818.7	2926.7	3026.9	3106.7	3172.2
-37.5°	1885.8	2017.2	2145.4	2268.5	2387.1	2498.8	2602.9	2697.8	2782.8	2861.6	2925.7
-40°	1740.3	1859.7	1975.5	2085.4	2193.1	2296.1	2392.5	2476.5	2551.8	2621.0	2678.7
-42.5°	1594.1	1703.2	1808.2	1909.0	2003.2	2097.7	2186.8	2266.5	2333.3	2391.5	2440.4
-45°	1449.7	1547.5	1641.3	1733.7	1819.4	1901.1	1980.3	2053.2	2111.7	2163.0	2206.1
-47.5°	1307.1	1394.3	1479.3	1560.1	1637.9	1710.9	1775.1	1833.5	1890.6	1937.2	1974.0
-50°	1169.8	1246.3	1322.5	1393.1	1463.4	1529.0	1588.3	1639.6	1685.4	1725.0	1756.2
-52.5°	1038.4	1105.3	1171.1	1234.5	1295.7	1352.6	1404.4	1448.6	1487.9	1521.6	1548.5
-55°	918.4	973.5	1024.1	1079.8	1133.7	1182.8	1226.0	1264.0	1296.8	1324.3	1347.7
-57.5°	809.2	853.3	896.9	941.1	982.9	1022.0	1058.6	1090.9	1118.2	1140.6	1159.4
-60°	708.2	742.2	779.5	815.1	847.8	877.8	907.5	933.3	955.3	973.6	988.3
-62.5°	614.2	644.1	671.9	698.8	725.3	751.3	771.3	789.5	805.7	819.6	830.6
-65°	523.7	548.1	569.8	589.6	607.8	627.0	642.7	655.9	666.6	675.4	682.4
-67.5°	437.7	456.8	473.4	487.6	501.7	514.9	525.8	534.6	541.5	547.3	551.8
-70°	361.3	375.5	387.5	398.9	410.6	419.9	427.0	432.1	435.3	437.5	439.0
-72.5°	293.4	306.7	317.5	327.7	336.3	342.5	347.0	350.3	352.6	350.4	346.3
-75°	230.9	243.7	256.0	266.4	275.1	279.1	281.1	282.5	283.2	275.7	265.7
-77.5°	177.0	190.0	201.4	211.9	221.4	223.2	223.0	222.5	221.7	211.2	198.4
-80°	124.4	134.7	144.5	154.2	163.7	164.8	163.7	161.8	159.0	148.7	137.0
-82.5°	76.2	82.3	88.1	93.9	99.6	101.1	101.5	101.3	100.5	92.7	83.9
-85°	35.3	37.8	40.1	42.3	44.4	46.5	48.3	50.1	51.7	47.2	42.3
-87.5°	6.9	7.1	7.3	7.5	7.6	7.8	7.9	8.0	8.1	7.7	7.2
-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: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	6.3	6.3	6.3	6.3	6.3	6.8	7.2	7.7	8.1	8.0
85°	37.0	31.5	29.6	27.5	29.6	31.5	37.0	42.3	47.2	51.7	50.1
82.5°	74.8	65.3	62.2	59.1	62.2	65.3	74.8	83.9	92.7	100.5	101.3
80°	124.6	111.7	106.6	101.4	106.6	111.7	124.6	137.0	148.7	159.0	161.8
77.5°	184.9	170.7	164.6	158.4	164.6	170.7	184.9	198.4	211.2	221.7	222.5
75°	255.3	244.2	237.5	230.3	237.5	244.2	255.3	265.7	275.7	283.2	282.5
72.5°	341.7	336.2	331.3	325.3	331.3	336.2	341.7	346.3	350.4	352.6	350.3
70°	439.5	438.8	439.7	439.4	439.7	438.8	439.5	439.0	437.5	435.3	432.1
67.5°	554.1	554.3	556.6	557.7	556.6	554.3	554.1	551.8	547.3	541.5	534.6
65°	686.8	688.4	687.8	684.4	687.8	688.4	686.8	682.4	675.4	666.6	655.9
62.5°	838.5	843.1	845.6	845.0	845.6	843.1	838.5	830.6	819.6	805.7	789.5
60°	999.3	1006.4	1010.1	1009.7	1010.1	1006.4	999.3	988.3	973.6	955.3	933.3
57.5°	1173.4	1182.5	1184.7	1180.8	1184.7	1182.5	1173.4	1159.4	1140.6	1118.2	1090.9
55°	1365.3	1377.0	1381.5	1379.4	1381.5	1377.0	1365.3	1347.7	1324.3	1296.8	1264.0
52.5°	1568.2	1580.9	1585.4	1582.2	1585.4	1580.9	1568.2	1548.5	1521.6	1487.9	1448.6
50°	1779.0	1794.4	1800.6	1797.6	1800.6	1794.4	1779.0	1756.2	1725.0	1685.4	1639.6
47.5°	2002.8	2023.3	2031.2	2025.8	2031.2	2023.3	2002.8	1974.0	1937.2	1890.6	1833.5
45°	2238.3	2259.5	2267.7	2262.4	2267.7	2259.5	2238.3	2206.1	2163.0	2111.7	2053.2
42.5°	2477.9	2505.4	2517.1	2507.4	2517.1	2505.4	2477.9	2440.4	2391.5	2333.3	2266.5
40°	2721.8	2751.7	2765.5	2758.8	2765.5	2751.7	2721.8	2678.7	2621.0	2551.8	2476.5
37.5°	2971.9	3001.7	3016.3	3016.5	3016.3	3001.7	2971.9	2925.7	2861.6	2782.8	2697.8
35°	3223.0	3259.0	3279.4	3278.4	3279.4	3259.0	3223.0	3172.2	3106.7	3026.9	2926.7
32.5°	3477.6	3516.6	3537.4	3540.4	3537.4	3516.6	3477.6	3418.1	3342.7	3255.0	3151.9
30°	3731.8	3774.6	3798.7	3808.6	3798.7	3774.6	3731.8	3665.8	3581.3	3485.2	3374.4
27.5°	3978.3	4031.0	4067.4	4070.6	4067.4	4031.0	3978.3	3910.7	3821.6	3717.3	3596.3
25°	4217.0	4270.7	4308.0	4315.6	4308.0	4270.7	4217.0	4149.8	4058.2	3943.6	3814.5
22.5°	4452.3	4508.4	4542.8	4556.4	4542.8	4508.4	4452.3	4377.0	4275.7	4155.9	4019.0
20°	4676.8	4737.7	4774.3	4788.8	4774.3	4737.7	4676.8	4594.1	4482.4	4354.9	4210.1
17.5°	4880.0	4944.3	4989.5	5002.1	4989.5	4944.3	4880.0	4792.5	4675.5	4540.1	4383.8
15°	5058.9	5119.8	5162.7	5179.6	5162.7	5119.8	5058.9	4973.0	4854.3	4707.9	4534.4
12.5°	5204.4	5259.0	5292.5	5308.4	5292.5	5259.0	5204.4	5122.4	5013.4	4848.9	4666.7
10°	5318.1	5372.8	5404.9	5426.7	5404.9	5372.8	5318.1	5241.8	5120.1	4972.8	4793.7
7.5°	5416.8	5472.8	5512.1	5542.9	5512.1	5472.8	5416.8	5313.9	5205.3	5066.5	4885.7
5°	5471.3	5564.9	5579.0	5600.0	5579.0	5564.9	5471.3	5378.1	5259.6	5118.4	4941.9
2.5°	5512.9	5579.2	5619.1	5614.7	5619.1	5579.2	5512.9	5403.1	5289.7	5160.3	4989.4
0°	5542.9	5602.1	5616.8	5635.9	5616.8	5602.1	5542.9	5433.1	5314.8	5185.9	5008.5
-2.5°	5512.9	5579.2	5619.1	5614.7	5619.1	5579.2	5512.9	5403.1	5289.7	5160.3	4989.4
-5°	5471.3	5564.9	5579.0	5600.0	5579.0	5564.9	5471.3	5378.1	5259.6	5118.4	4941.9
-7.5°	5416.8	5472.8	5512.1	5542.9	5512.1	5472.8	5416.8	5313.9	5205.3	5066.5	4885.7
-10°	5318.1	5372.8	5404.9	5426.7	5404.9	5372.8	5318.1	5241.8	5120.1	4972.8	4793.7
-12.5°	5204.4	5259.0	5292.5	5308.4	5292.5	5259.0	5204.4	5122.4	5013.4	4848.9	4666.7
-15°	5058.9	5119.8	5162.7	5179.6	5162.7	5119.8	5058.9	4973.0	4854.3	4707.9	4534.4
-17.5°	4880.0	4944.3	4989.5	5002.1	4989.5	4944.3	4880.0	4792.5	4675.5	4540.1	4383.8
-20°	4676.8	4737.7	4774.3	4788.8	4774.3	4737.7	4676.8	4594.1	4482.4	4354.9	4210.1



REPORT NUMBER: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4452.3	4508.4	4542.8	4556.4	4542.8	4508.4	4452.3	4377.0	4275.7	4155.9	4019.0
-25°	4217.0	4270.7	4308.0	4315.6	4308.0	4270.7	4217.0	4149.8	4058.2	3943.6	3814.5
-27.5°	3978.3	4031.0	4067.4	4070.6	4067.4	4031.0	3978.3	3910.7	3821.6	3717.3	3596.3
-30°	3731.8	3774.6	3798.7	3808.6	3798.7	3774.6	3731.8	3665.8	3581.3	3485.2	3374.4
-32.5°	3477.6	3516.6	3537.4	3540.4	3537.4	3516.6	3477.6	3418.1	3342.7	3255.0	3151.9
-35°	3223.0	3259.0	3279.4	3278.4	3279.4	3259.0	3223.0	3172.2	3106.7	3026.9	2926.7
-37.5°	2971.9	3001.7	3016.3	3016.5	3016.3	3001.7	2971.9	2925.7	2861.6	2782.8	2697.8
-40°	2721.8	2751.7	2765.5	2758.8	2765.5	2751.7	2721.8	2678.7	2621.0	2551.8	2476.5
-42.5°	2477.9	2505.4	2517.1	2507.4	2517.1	2505.4	2477.9	2440.4	2391.5	2333.3	2266.5
-45°	2238.3	2259.5	2267.7	2262.4	2267.7	2259.5	2238.3	2206.1	2163.0	2111.7	2053.2
-47.5°	2002.8	2023.3	2031.2	2025.8	2031.2	2023.3	2002.8	1974.0	1937.2	1890.6	1833.5
-50°	1779.0	1794.4	1800.6	1797.6	1800.6	1794.4	1779.0	1756.2	1725.0	1685.4	1639.6
-52.5°	1568.2	1580.9	1585.4	1582.2	1585.4	1580.9	1568.2	1548.5	1521.6	1487.9	1448.6
-55°	1365.3	1377.0	1381.5	1379.4	1381.5	1377.0	1365.3	1347.7	1324.3	1296.8	1264.0
-57.5°	1173.4	1182.5	1184.7	1180.8	1184.7	1182.5	1173.4	1159.4	1140.6	1118.2	1090.9
-60°	999.3	1006.4	1010.1	1009.7	1010.1	1006.4	999.3	988.3	973.6	955.3	933.3
-62.5°	838.5	843.1	845.6	845.0	845.6	843.1	838.5	830.6	819.6	805.7	789.5
-65°	686.8	688.4	687.8	684.4	687.8	688.4	686.8	682.4	675.4	666.6	655.9
-67.5°	554.1	554.3	556.6	557.7	556.6	554.3	554.1	551.8	547.3	541.5	534.6
-70°	439.5	438.8	439.7	439.4	439.7	438.8	439.5	439.0	437.5	435.3	432.1
-72.5°	341.7	336.2	331.3	325.3	331.3	336.2	341.7	346.3	350.4	352.6	350.3
-75°	255.3	244.2	237.5	230.3	237.5	244.2	255.3	265.7	275.7	283.2	282.5
-77.5°	184.9	170.7	164.6	158.4	164.6	170.7	184.9	198.4	211.2	221.7	222.5
-80°	124.6	111.7	106.6	101.4	106.6	111.7	124.6	137.0	148.7	159.0	161.8
-82.5°	74.8	65.3	62.2	59.1	62.2	65.3	74.8	83.9	92.7	100.5	101.3
-85°	37.0	31.5	29.6	27.5	29.6	31.5	37.0	42.3	47.2	51.7	50.1
-87.5°	6.8	6.3	6.3	6.3	6.3	6.3	6.8	7.2	7.7	8.1	8.0
-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: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-VWR-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°	7.9	7.8	7.6	7.5	7.3	7.1	6.9	6.7	6.4	6.2	5.9
85°	48.3	46.5	44.4	42.3	40.1	37.8	35.3	30.9	26.9	23.1	19.9
82.5°	101.5	101.1	99.6	93.9	88.1	82.3	76.2	67.1	58.2	49.4	41.8
80°	163.7	164.8	163.7	154.2	144.5	134.7	124.4	111.1	97.6	84.8	75.2
77.5°	223.0	223.2	221.4	211.9	201.4	190.0	177.0	160.9	144.9	128.7	116.3
75°	281.1	279.1	275.1	266.4	256.0	243.7	230.9	216.8	200.4	181.5	165.3
72.5°	347.0	342.5	336.3	327.7	317.5	306.7	293.4	277.9	260.7	241.9	224.8
70°	427.0	419.9	410.6	398.9	387.5	375.5	361.3	344.2	324.1	303.3	284.3
67.5°	525.8	514.9	501.7	487.6	473.4	456.8	437.7	416.8	396.1	373.0	346.9
65°	642.7	627.0	607.8	589.6	569.8	548.1	523.7	499.5	474.2	446.4	413.3
62.5°	771.3	751.3	725.3	698.8	671.9	644.1	614.2	584.4	554.2	521.5	484.2
60°	907.5	877.8	847.8	815.1	779.5	742.2	708.2	672.0	633.8	596.7	555.9
57.5°	1058.6	1022.0	982.9	941.1	896.9	853.3	809.2	763.7	720.5	675.4	629.1
55°	1226.0	1182.8	1133.7	1079.8	1024.1	973.5	918.4	863.2	811.1	756.3	705.4
52.5°	1404.4	1352.6	1295.7	1234.5	1171.1	1105.3	1038.4	975.0	907.2	845.2	783.6
50°	1588.3	1529.0	1463.4	1393.1	1322.5	1246.3	1169.8	1093.5	1016.7	940.7	866.9
47.5°	1775.1	1710.9	1637.9	1560.1	1479.3	1394.3	1307.1	1215.5	1130.5	1042.3	958.4
45°	1980.3	1901.1	1819.4	1733.7	1641.3	1547.5	1449.7	1349.4	1247.2	1150.2	1051.9
42.5°	2186.8	2097.7	2003.2	1909.0	1808.2	1703.2	1594.1	1483.5	1371.2	1259.4	1151.9
40°	2392.5	2296.1	2193.1	2085.4	1975.5	1859.7	1740.3	1617.3	1495.4	1372.4	1250.8
37.5°	2602.9	2498.8	2387.1	2268.5	2145.4	2017.2	1885.8	1752.7	1618.2	1485.8	1353.9
35°	2818.7	2704.7	2581.5	2452.0	2316.5	2176.1	2032.0	1886.2	1741.5	1598.4	1455.5
32.5°	3032.5	2909.0	2776.2	2634.4	2485.3	2332.5	2177.5	2020.1	1861.8	1708.9	1556.7
30°	3248.3	3111.5	2967.6	2814.4	2652.6	2486.3	2318.4	2151.7	1982.9	1814.7	1653.7
27.5°	3459.5	3310.3	3153.9	2988.3	2815.5	2637.0	2456.6	2278.7	2098.7	1919.8	1746.2
25°	3665.2	3504.0	3331.5	3154.6	2971.4	2781.1	2587.3	2399.0	2211.0	2019.7	1829.2
22.5°	3863.1	3686.7	3500.7	3311.5	3118.8	2918.9	2712.1	2509.2	2314.7	2109.2	1910.2
20°	4045.6	3856.1	3657.6	3458.3	3254.5	3050.0	2828.4	2612.6	2403.3	2192.3	1983.6
17.5°	4207.5	4015.0	3806.8	3596.7	3379.7	3164.4	2937.2	2706.6	2484.9	2266.2	2048.1
15°	4350.2	4157.9	3947.0	3725.5	3493.8	3258.6	3029.2	2789.7	2559.3	2331.5	2107.8
12.5°	4479.8	4278.5	4067.9	3833.6	3587.7	3342.3	3103.7	2862.6	2625.4	2391.3	2161.6
10°	4596.2	4377.3	4154.4	3917.0	3666.2	3412.9	3167.2	2923.8	2681.7	2442.5	2205.9
7.5°	4675.9	4450.6	4220.3	3983.7	3732.4	3475.2	3222.1	2973.0	2725.5	2483.2	2240.4
5°	4734.8	4508.4	4277.4	4037.5	3783.9	3521.7	3262.6	3008.7	2756.8	2513.1	2265.1
2.5°	4780.0	4548.0	4316.4	4071.1	3817.2	3553.1	3291.5	3035.5	2781.6	2534.9	2286.8
0°	4812.0	4562.8	4338.9	4098.0	3838.2	3572.1	3310.1	3052.4	2796.8	2545.4	2298.3
-2.5°	4780.0	4548.0	4316.4	4071.1	3817.2	3553.1	3291.5	3035.5	2781.6	2534.9	2286.8
-5°	4734.8	4508.4	4277.4	4037.5	3783.9	3521.7	3262.6	3008.7	2756.8	2513.1	2265.1
-7.5°	4675.9	4450.6	4220.3	3983.7	3732.4	3475.2	3222.1	2973.0	2725.5	2483.2	2240.4
-10°	4596.2	4377.3	4154.4	3917.0	3666.2	3412.9	3167.2	2923.8	2681.7	2442.5	2205.9
-12.5°	4479.8	4278.5	4067.9	3833.6	3587.7	3342.3	3103.7	2862.6	2625.4	2391.3	2161.6
-15°	4350.2	4157.9	3947.0	3725.5	3493.8	3258.6	3029.2	2789.7	2559.3	2331.5	2107.8
-17.5°	4207.5	4015.0	3806.8	3596.7	3379.7	3164.4	2937.2	2706.6	2484.9	2266.2	2048.1
-20°	4045.6	3856.1	3657.6	3458.3	3254.5	3050.0	2828.4	2612.6	2403.3	2192.3	1983.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3863.1	3686.7	3500.7	3311.5	3118.8	2918.9	2712.1	2509.2	2314.7	2109.2	1910.2
-25°	3665.2	3504.0	3331.5	3154.6	2971.4	2781.1	2587.3	2399.0	2211.0	2019.7	1829.2
-27.5°	3459.5	3310.3	3153.9	2988.3	2815.5	2637.0	2456.6	2278.7	2098.7	1919.8	1746.2
-30°	3248.3	3111.5	2967.6	2814.4	2652.6	2486.3	2318.4	2151.7	1982.9	1814.7	1653.7
-32.5°	3032.5	2909.0	2776.2	2634.4	2485.3	2332.5	2177.5	2020.1	1861.8	1708.9	1556.7
-35°	2818.7	2704.7	2581.5	2452.0	2316.5	2176.1	2032.0	1886.2	1741.5	1598.4	1455.5
-37.5°	2602.9	2498.8	2387.1	2268.5	2145.4	2017.2	1885.8	1752.7	1618.2	1485.8	1353.9
-40°	2392.5	2296.1	2193.1	2085.4	1975.5	1859.7	1740.3	1617.3	1495.4	1372.4	1250.8
-42.5°	2186.8	2097.7	2003.2	1909.0	1808.2	1703.2	1594.1	1483.5	1371.2	1259.4	1151.9
-45°	1980.3	1901.1	1819.4	1733.7	1641.3	1547.5	1449.7	1349.4	1247.2	1150.2	1051.9
-47.5°	1775.1	1710.9	1637.9	1560.1	1479.3	1394.3	1307.1	1215.5	1130.5	1042.3	958.4
-50°	1588.3	1529.0	1463.4	1393.1	1322.5	1246.3	1169.8	1093.5	1016.7	940.7	866.9
-52.5°	1404.4	1352.6	1295.7	1234.5	1171.1	1105.3	1038.4	975.0	907.2	845.2	783.6
-55°	1226.0	1182.8	1133.7	1079.8	1024.1	973.5	918.4	863.2	811.1	756.3	705.4
-57.5°	1058.6	1022.0	982.9	941.1	896.9	853.3	809.2	763.7	720.5	675.4	629.1
-60°	907.5	877.8	847.8	815.1	779.5	742.2	708.2	672.0	633.8	596.7	555.9
-62.5°	771.3	751.3	725.3	698.8	671.9	644.1	614.2	584.4	554.2	521.5	484.2
-65°	642.7	627.0	607.8	589.6	569.8	548.1	523.7	499.5	474.2	446.4	413.3
-67.5°	525.8	514.9	501.7	487.6	473.4	456.8	437.7	416.8	396.1	373.0	346.9
-70°	427.0	419.9	410.6	398.9	387.5	375.5	361.3	344.2	324.1	303.3	284.3
-72.5°	347.0	342.5	336.3	327.7	317.5	306.7	293.4	277.9	260.7	241.9	224.8
-75°	281.1	279.1	275.1	266.4	256.0	243.7	230.9	216.8	200.4	181.5	165.3
-77.5°	223.0	223.2	221.4	211.9	201.4	190.0	177.0	160.9	144.9	128.7	116.3
-80°	163.7	164.8	163.7	154.2	144.5	134.7	124.4	111.1	97.6	84.8	75.2
-82.5°	101.5	101.1	99.6	93.9	88.1	82.3	76.2	67.1	58.2	49.4	41.8
-85°	48.3	46.5	44.4	42.3	40.1	37.8	35.3	30.9	26.9	23.1	19.9
-87.5°	7.9	7.8	7.6	7.5	7.3	7.1	6.9	6.7	6.4	6.2	5.9
-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: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-VWR-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°	6.0	6.1	6.1	6.1	5.4	4.7	4.1	3.5	3.2	2.9	2.5
85°	19.9	19.5	18.4	16.7	13.2	9.5	8.2	7.1	6.4	5.7	5.0
82.5°	41.7	42.1	42.1	40.9	36.0	31.0	25.7	20.2	14.9	9.5	7.6
80°	75.3	74.5	72.7	69.3	61.4	52.5	45.8	38.8	32.0	24.9	17.5
77.5°	113.9	110.6	106.6	102.1	93.7	83.9	72.6	59.8	48.9	40.2	31.1
75°	156.9	151.7	146.2	138.6	127.9	115.6	103.2	88.2	71.6	56.0	44.6
72.5°	211.0	198.4	187.2	176.7	165.0	151.3	135.4	116.2	96.0	77.0	59.1
70°	265.7	246.9	230.1	215.8	201.7	187.3	169.9	146.2	120.0	97.6	76.5
67.5°	321.3	299.1	276.6	255.1	237.4	220.4	203.6	176.1	146.0	117.7	93.6
65°	382.7	353.0	324.4	297.9	273.8	252.6	232.9	204.0	171.3	139.4	110.1
62.5°	445.8	408.0	374.2	340.3	310.3	284.6	260.9	229.0	195.4	160.4	127.4
60°	512.3	469.2	424.2	384.7	347.9	315.3	286.7	253.6	218.0	180.7	144.5
57.5°	582.2	531.6	481.1	431.0	386.9	347.8	311.7	277.0	240.2	200.6	160.5
55°	653.1	598.5	538.8	482.4	428.3	381.8	338.2	299.4	261.6	220.2	174.3
52.5°	724.0	664.1	600.0	534.9	474.3	416.1	367.4	321.2	281.3	239.3	188.7
50°	798.2	729.5	660.9	590.5	520.1	456.2	395.6	346.3	300.4	257.5	202.3
47.5°	875.5	798.8	722.5	645.6	570.1	494.7	428.5	370.8	319.0	274.0	215.0
45°	960.1	870.5	786.0	702.9	617.4	536.2	461.9	394.3	339.9	286.8	226.7
42.5°	1044.8	946.2	851.8	759.3	667.0	577.5	493.5	421.9	360.0	299.0	237.4
40°	1134.8	1022.2	917.5	817.1	715.4	616.7	528.4	448.8	378.8	311.8	247.6
37.5°	1222.3	1100.0	984.9	872.3	762.9	659.1	562.0	474.1	396.6	326.1	257.2
35°	1314.9	1178.2	1047.3	927.9	811.7	699.3	593.5	499.6	417.1	340.0	266.3
32.5°	1404.4	1254.7	1114.3	982.7	858.4	737.2	625.9	526.5	436.9	353.5	274.8
30°	1492.3	1331.4	1178.5	1034.5	903.6	776.9	658.4	551.7	455.7	366.6	283.3
27.5°	1573.4	1402.5	1240.0	1088.1	947.9	814.7	689.0	575.0	473.7	380.0	293.2
25°	1648.9	1470.9	1300.7	1139.7	989.1	850.4	717.3	596.6	491.9	394.0	302.4
22.5°	1719.7	1534.4	1355.6	1187.2	1027.3	883.2	744.9	619.6	509.1	406.9	310.8
20°	1784.1	1591.6	1404.8	1230.2	1064.5	914.4	771.4	640.3	524.5	418.6	318.4
17.5°	1842.1	1643.8	1451.8	1270.4	1099.0	942.2	794.9	658.5	538.0	429.1	325.0
15°	1896.0	1691.3	1493.3	1305.5	1129.0	966.4	815.4	674.2	549.6	438.1	331.4
12.5°	1942.3	1732.1	1528.5	1335.4	1154.2	986.9	832.7	687.3	559.2	446.3	337.3
10°	1980.4	1765.8	1557.3	1359.8	1174.6	1003.5	846.8	698.4	568.3	453.4	341.9
7.5°	2010.1	1792.1	1579.5	1378.6	1190.8	1017.5	858.8	708.0	575.5	458.8	345.1
5°	2032.5	1812.7	1598.8	1394.3	1205.7	1028.7	867.5	714.8	580.8	462.6	346.9
2.5°	2052.5	1828.2	1613.9	1404.6	1215.8	1036.0	872.7	718.9	584.0	464.6	347.4
0°	2063.8	1835.7	1622.3	1409.0	1221.0	1039.3	874.5	720.3	585.1	464.7	346.4
-2.5°	2052.5	1828.2	1613.9	1404.6	1215.8	1036.0	872.7	718.9	584.0	464.6	347.4
-5°	2032.5	1812.7	1598.8	1394.3	1205.7	1028.7	867.5	714.8	580.8	462.6	346.9
-7.5°	2010.1	1792.1	1579.5	1378.6	1190.8	1017.5	858.8	708.0	575.5	458.8	345.1
-10°	1980.4	1765.8	1557.3	1359.8	1174.6	1003.5	846.8	698.4	568.3	453.4	341.9
-12.5°	1942.3	1732.1	1528.5	1335.4	1154.2	986.9	832.7	687.3	559.2	446.3	337.3
-15°	1896.0	1691.3	1493.3	1305.5	1129.0	966.4	815.4	674.2	549.6	438.1	331.4
-17.5°	1842.1	1643.8	1451.8	1270.4	1099.0	942.2	794.9	658.5	538.0	429.1	325.0
-20°	1784.1	1591.6	1404.8	1230.2	1064.5	914.4	771.4	640.3	524.5	418.6	318.4

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Scaled Data Report



REPORT NUMBER: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1719.7	1534.4	1355.6	1187.2	1027.3	883.2	744.9	619.6	509.1	406.9	310.8
-25°	1648.9	1470.9	1300.7	1139.7	989.1	850.4	717.3	596.6	491.9	394.0	302.4
-27.5°	1573.4	1402.5	1240.0	1088.1	947.9	814.7	689.0	575.0	473.7	380.0	293.2
-30°	1492.3	1331.4	1178.5	1034.5	903.6	776.9	658.4	551.7	455.7	366.6	283.3
-32.5°	1404.4	1254.7	1114.3	982.7	858.4	737.2	625.9	526.5	436.9	353.5	274.8
-35°	1314.9	1178.2	1047.3	927.9	811.7	699.3	593.5	499.6	417.1	340.0	266.3
-37.5°	1222.3	1100.0	984.9	872.3	762.9	659.1	562.0	474.1	396.6	326.1	257.2
-40°	1134.8	1022.2	917.5	817.1	715.4	616.7	528.4	448.8	378.8	311.8	247.6
-42.5°	1044.8	946.2	851.8	759.3	667.0	577.5	493.5	421.9	360.0	299.0	237.4
-45°	960.1	870.5	786.0	702.9	617.4	536.2	461.9	394.3	339.9	286.8	226.7
-47.5°	875.5	798.8	722.5	645.6	570.1	494.7	428.5	370.8	319.0	274.0	215.0
-50°	798.2	729.5	660.9	590.5	520.1	456.2	395.6	346.3	300.4	257.5	202.3
-52.5°	724.0	664.1	600.0	534.9	474.3	416.1	367.4	321.2	281.3	239.3	188.7
-55°	653.1	598.5	538.8	482.4	428.3	381.8	338.2	299.4	261.6	220.2	174.3
-57.5°	582.2	531.6	481.1	431.0	386.9	347.8	311.7	277.0	240.2	200.6	160.5
-60°	512.3	469.2	424.2	384.7	347.9	315.3	286.7	253.6	218.0	180.7	144.5
-62.5°	445.8	408.0	374.2	340.3	310.3	284.6	260.9	229.0	195.4	160.4	127.4
-65°	382.7	353.0	324.4	297.9	273.8	252.6	232.9	204.0	171.3	139.4	110.1
-67.5°	321.3	299.1	276.6	255.1	237.4	220.4	203.6	176.1	146.0	117.7	93.6
-70°	265.7	246.9	230.1	215.8	201.7	187.3	169.9	146.2	120.0	97.6	76.5
-72.5°	211.0	198.4	187.2	176.7	165.0	151.3	135.4	116.2	96.0	77.0	59.1
-75°	156.9	151.7	146.2	138.6	127.9	115.6	103.2	88.2	71.6	56.0	44.6
-77.5°	113.9	110.6	106.6	102.1	93.7	83.9	72.6	59.8	48.9	40.2	31.1
-80°	75.3	74.5	72.7	69.3	61.4	52.5	45.8	38.8	32.0	24.9	17.5
-82.5°	41.7	42.1	42.1	40.9	36.0	31.0	25.7	20.2	14.9	9.5	7.6
-85°	19.9	19.5	18.4	16.7	13.2	9.5	8.2	7.1	6.4	5.7	5.0
-87.5°	6.0	6.1	6.1	6.1	5.4	4.7	4.1	3.5	3.2	2.9	2.5
-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: P626901 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	2.2	1.8	1.5	1.1	0.7	0.3	0.0
85°	4.3	3.6	2.9	2.2	1.5	0.6	0.0
82.5°	6.5	5.4	4.4	3.3	2.2	1.0	0.0
80°	9.8	7.2	5.8	4.4	2.9	1.3	0.0
77.5°	21.4	11.4	7.2	5.4	3.6	1.6	0.0
75°	32.7	19.7	9.4	6.5	4.3	1.9	0.0
72.5°	43.7	27.8	15.1	7.6	5.0	2.2	0.0
70°	54.7	35.6	20.5	9.1	5.7	2.5	0.0
67.5°	67.9	43.1	25.8	12.4	6.3	2.8	0.0
65°	80.5	51.5	30.8	15.7	6.9	3.1	0.0
62.5°	92.4	60.7	35.5	18.8	7.5	3.3	0.0
60°	103.7	69.4	40.0	21.7	8.1	3.6	0.0
57.5°	115.6	77.5	45.9	24.5	9.8	3.9	0.0
55°	126.8	85.1	51.6	27.0	11.4	4.1	0.0
52.5°	137.2	92.3	56.9	29.4	12.9	4.3	0.0
50°	146.7	99.9	61.7	31.6	14.4	4.6	0.0
47.5°	155.7	106.9	66.1	33.8	15.8	4.8	0.0
45°	165.6	113.2	70.1	36.8	17.2	5.0	0.0
42.5°	174.7	118.8	73.6	39.4	18.4	5.2	0.0
40°	182.9	123.7	77.2	42.1	19.6	5.3	0.0
37.5°	190.3	127.9	80.7	44.8	20.8	5.5	0.0
35°	196.8	132.7	83.7	47.3	21.8	5.7	0.0
32.5°	202.9	137.5	86.2	49.6	22.8	5.8	0.0
30°	209.2	141.7	88.2	51.8	23.6	5.9	0.0
27.5°	214.8	145.1	91.2	53.7	24.4	6.0	0.0
25°	219.7	147.8	94.1	55.4	25.1	6.1	0.0
22.5°	224.0	150.5	96.6	56.9	25.8	6.2	0.0
20°	227.5	154.2	98.7	58.2	26.3	6.3	0.0
17.5°	231.9	157.3	100.5	59.3	26.7	6.3	0.0
15°	236.4	159.6	102.0	60.2	27.1	6.3	0.0
12.5°	240.2	161.4	103.1	60.9	27.4	6.4	0.0
10°	243.0	162.4	103.8	61.4	27.6	6.4	0.0
7.5°	244.9	162.8	104.3	61.7	27.7	6.4	0.0
5°	245.9	162.6	104.3	61.7	27.7	6.4	0.0
2.5°	245.9	161.9	104.1	61.6	27.6	6.3	0.0
0°	245.0	160.5	103.5	61.3	27.5	6.3	0.0
-2.5°	245.9	161.9	104.1	61.6	27.6	6.3	0.0
-5°	245.9	162.6	104.3	61.7	27.7	6.4	0.0
-7.5°	244.9	162.8	104.3	61.7	27.7	6.4	0.0
-10°	243.0	162.4	103.8	61.4	27.6	6.4	0.0
-12.5°	240.2	161.4	103.1	60.9	27.4	6.4	0.0
-15°	236.4	159.6	102.0	60.2	27.1	6.3	0.0
-17.5°	231.9	157.3	100.5	59.3	26.7	6.3	0.0
-20°	227.5	154.2	98.7	58.2	26.3	6.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	224.0	150.5	96.6	56.9	25.8	6.2	0.0
-25°	219.7	147.8	94.1	55.4	25.1	6.1	0.0
-27.5°	214.8	145.1	91.2	53.7	24.4	6.0	0.0
-30°	209.2	141.7	88.2	51.8	23.6	5.9	0.0
-32.5°	202.9	137.5	86.2	49.6	22.8	5.8	0.0
-35°	196.8	132.7	83.7	47.3	21.8	5.7	0.0
-37.5°	190.3	127.9	80.7	44.8	20.8	5.5	0.0
-40°	182.9	123.7	77.2	42.1	19.6	5.3	0.0
-42.5°	174.7	118.8	73.6	39.4	18.4	5.2	0.0
-45°	165.6	113.2	70.1	36.8	17.2	5.0	0.0
-47.5°	155.7	106.9	66.1	33.8	15.8	4.8	0.0
-50°	146.7	99.9	61.7	31.6	14.4	4.6	0.0
-52.5°	137.2	92.3	56.9	29.4	12.9	4.3	0.0
-55°	126.8	85.1	51.6	27.0	11.4	4.1	0.0
-57.5°	115.6	77.5	45.9	24.5	9.8	3.9	0.0
-60°	103.7	69.4	40.0	21.7	8.1	3.6	0.0
-62.5°	92.4	60.7	35.5	18.8	7.5	3.3	0.0
-65°	80.5	51.5	30.8	15.7	6.9	3.1	0.0
-67.5°	67.9	43.1	25.8	12.4	6.3	2.8	0.0
-70°	54.7	35.6	20.5	9.1	5.7	2.5	0.0
-72.5°	43.7	27.8	15.1	7.6	5.0	2.2	0.0
-75°	32.7	19.7	9.4	6.5	4.3	1.9	0.0
-77.5°	21.4	11.4	7.2	5.4	3.6	1.6	0.0
-80°	9.8	7.2	5.8	4.4	2.9	1.3	0.0
-82.5°	6.5	5.4	4.4	3.3	2.2	1.0	0.0
-85°	4.3	3.6	2.9	2.2	1.5	0.6	0.0
-87.5°	2.2	1.8	1.5	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)