

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: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-750-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626701 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-750-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N34
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

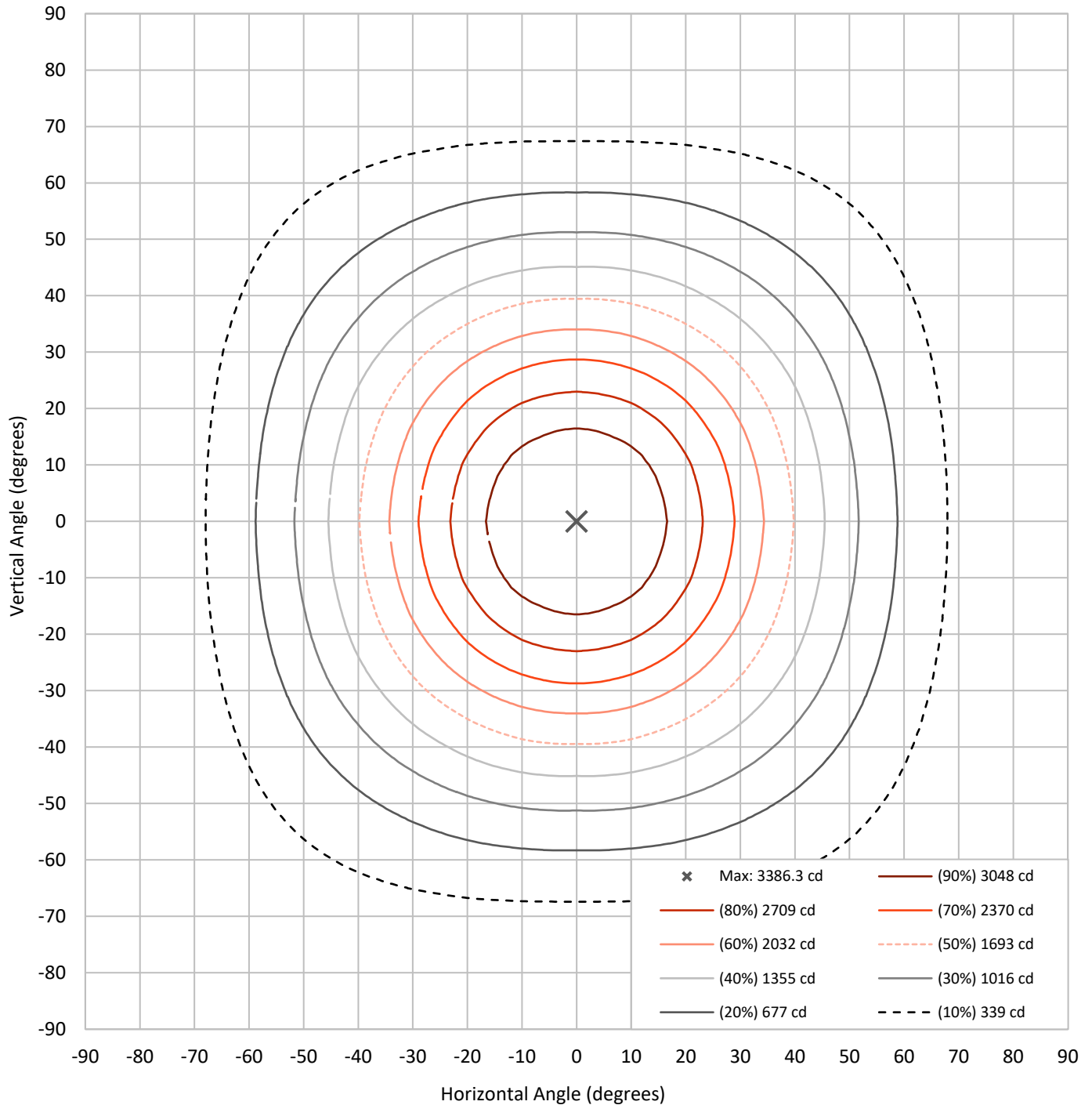
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	6120.4 lumens	Max Intensity:	3386.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' 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:	3589.6 lumens	Field Lumens:	5834.7 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	43.5		
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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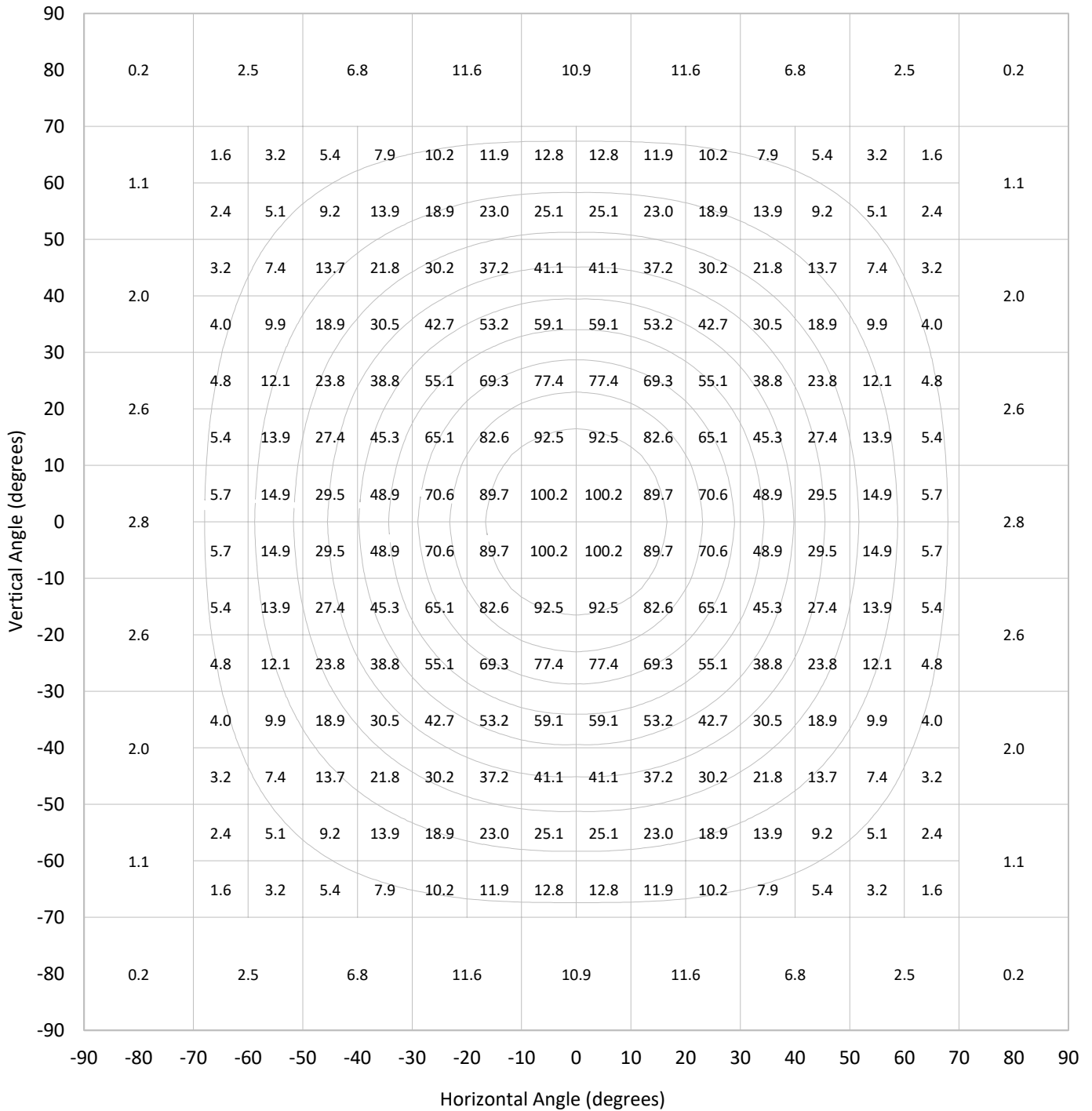
Iso-Candela Plot





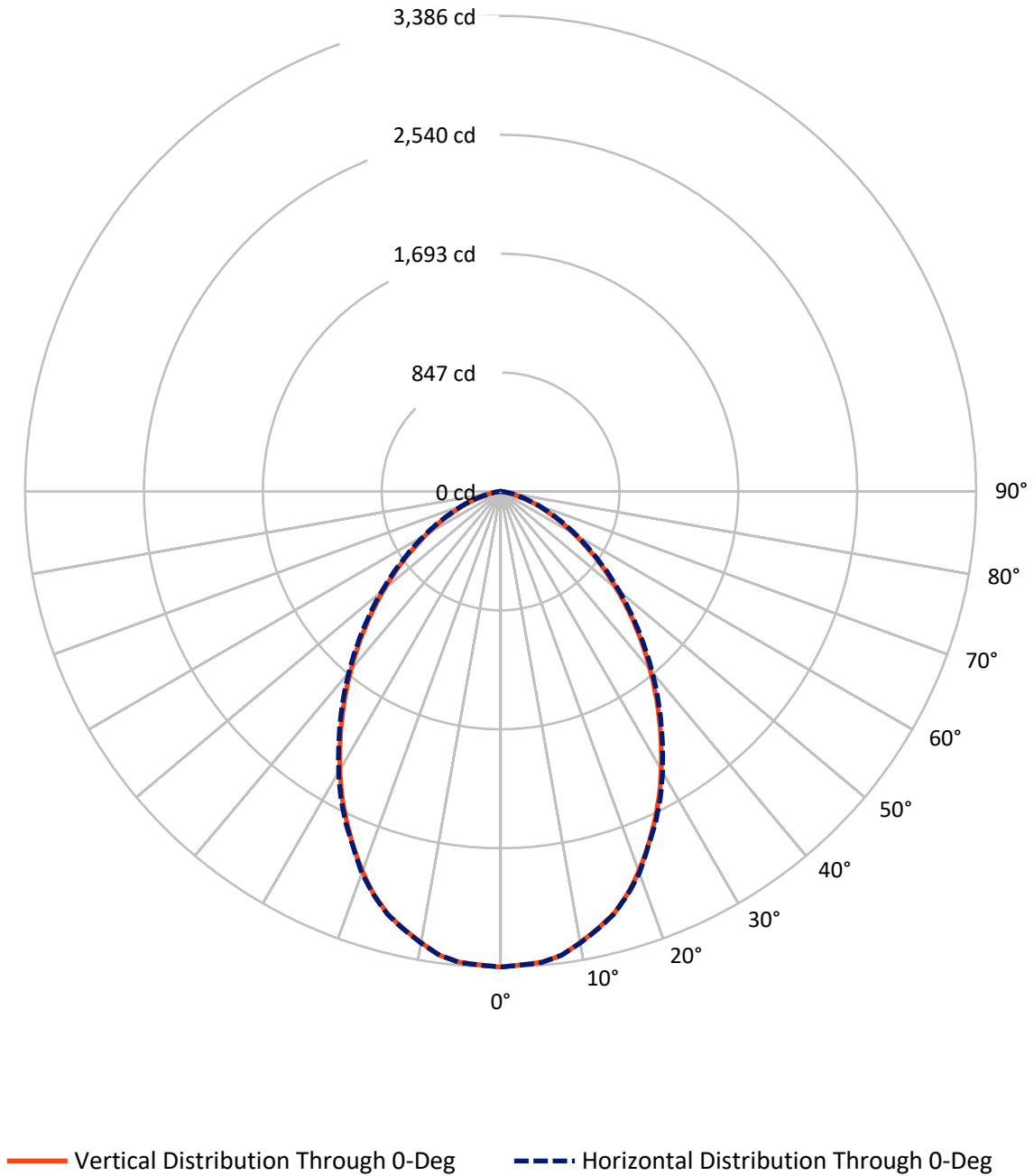
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Lumen Table



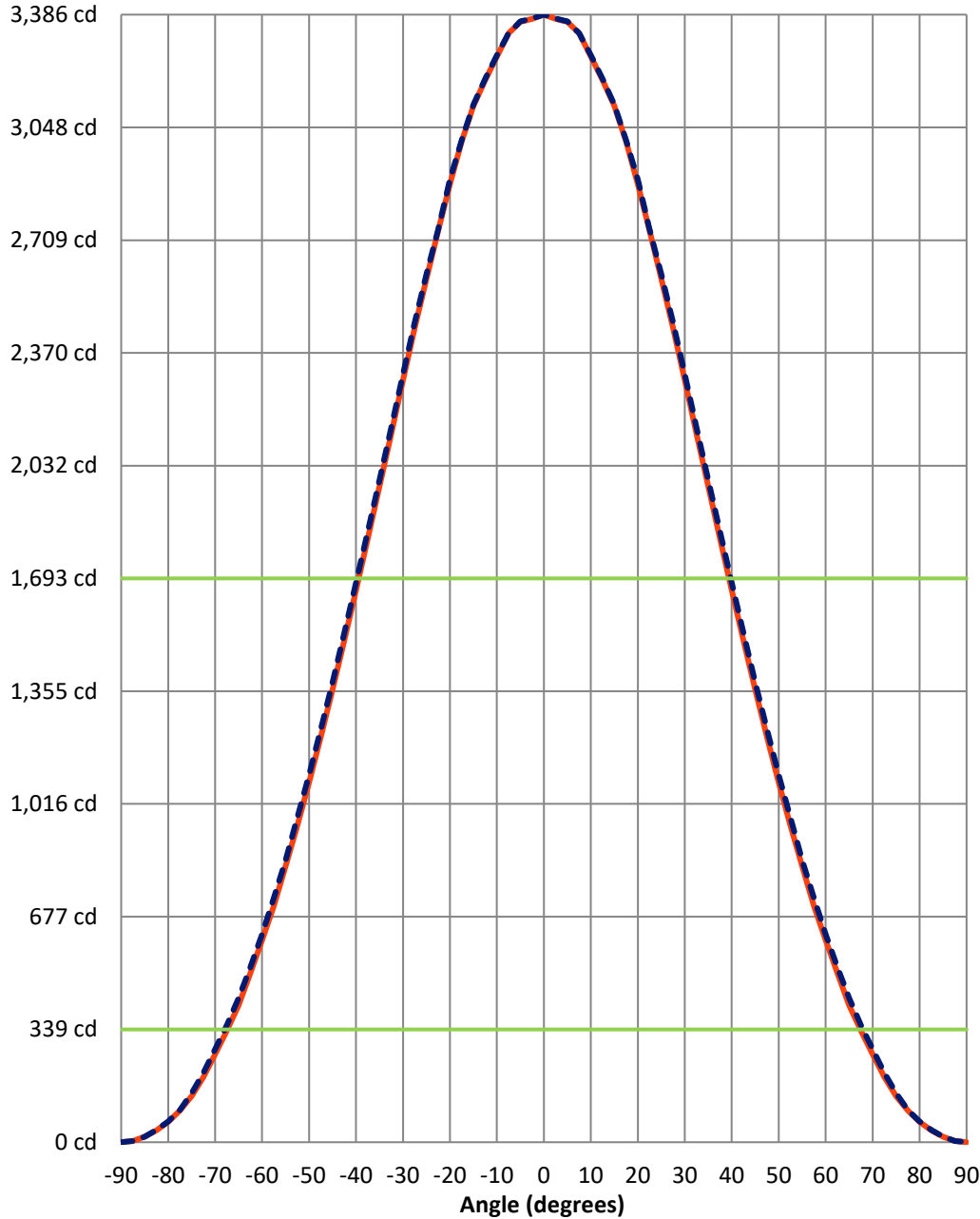
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 79.6°
V Angle: 78.9°
Lumens: 3589.6
Efficiency: 58.7%

Field:
H Angle: 135.9°
V Angle: 134.8°
Lumens: 5834.7
Efficiency: 95.3%

Spill:
Lumens: 285.6
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	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
82.5°	0.0	0.6	1.3	2.0	2.6	3.3	3.9	4.6	5.7	9.0	12.2
80°	0.0	0.8	1.8	2.6	3.5	4.4	5.9	10.5	15.0	19.2	23.3
77.5°	0.0	1.0	2.2	3.3	4.4	6.9	12.9	18.7	24.2	29.4	35.9
75°	0.0	1.1	2.6	3.9	5.7	11.9	19.7	26.8	33.6	43.0	53.0
72.5°	0.0	1.3	3.0	4.6	9.1	16.7	26.3	35.5	46.2	57.7	69.8
70°	0.0	1.5	3.4	5.5	12.4	21.4	32.9	46.0	58.6	72.1	87.8
67.5°	0.0	1.7	3.8	7.5	15.5	25.9	40.8	56.2	70.7	87.7	105.8
65°	0.0	1.9	4.2	9.5	18.5	30.9	48.3	66.1	83.7	102.9	122.6
62.5°	0.0	2.0	4.6	11.3	21.3	36.4	55.5	76.5	96.4	117.4	137.6
60°	0.0	2.2	4.9	13.1	24.0	41.6	62.3	86.8	108.5	130.9	152.4
57.5°	0.0	2.3	5.9	14.7	27.6	46.5	69.4	96.4	120.5	144.3	166.4
55°	0.0	2.5	6.9	16.2	31.0	51.1	76.2	104.7	132.3	157.1	179.9
52.5°	0.0	2.6	7.8	17.6	34.1	55.4	82.4	113.4	143.7	169.0	193.0
50°	0.0	2.8	8.7	18.9	37.0	60.0	88.2	121.5	154.7	180.5	208.1
47.5°	0.0	2.9	9.5	20.3	39.7	64.2	93.5	129.1	164.6	191.6	222.8
45°	0.0	3.0	10.3	22.1	42.1	68.0	99.5	136.1	172.3	204.2	236.9
42.5°	0.0	3.1	11.1	23.7	44.2	71.4	104.9	142.6	179.7	216.3	253.5
40°	0.0	3.2	11.8	25.3	46.3	74.3	109.9	148.7	187.3	227.6	269.7
37.5°	0.0	3.3	12.5	26.9	48.5	76.8	114.3	154.5	195.9	238.3	284.9
35°	0.0	3.4	13.1	28.4	50.3	79.7	118.2	160.0	204.3	250.6	300.1
32.5°	0.0	3.5	13.7	29.8	51.8	82.6	121.9	165.1	212.4	262.5	316.3
30°	0.0	3.6	14.2	31.1	53.0	85.1	125.6	170.3	220.3	273.8	331.5
27.5°	0.0	3.6	14.7	32.2	54.8	87.2	129.0	176.2	228.3	284.6	345.5
25°	0.0	3.7	15.1	33.3	56.5	88.8	132.0	181.7	236.8	295.5	358.5
22.5°	0.0	3.7	15.5	34.2	58.0	90.4	134.6	186.8	244.5	305.9	372.3
20°	0.0	3.8	15.8	34.9	59.3	92.7	136.7	191.3	251.5	315.2	384.7
17.5°	0.0	3.8	16.0	35.6	60.4	94.5	139.3	195.3	257.8	323.3	395.7
15°	0.0	3.8	16.3	36.1	61.3	95.9	142.1	199.1	263.3	330.3	405.1
12.5°	0.0	3.8	16.4	36.6	61.9	97.0	144.3	202.7	268.2	336.1	413.0
10°	0.0	3.9	16.5	36.8	62.4	97.6	146.0	205.5	272.4	341.5	419.6
7.5°	0.0	3.9	16.6	37.0	62.7	97.9	147.2	207.4	275.7	345.9	425.4
5°	0.0	3.8	16.6	37.1	62.7	97.8	147.7	208.5	277.9	349.0	429.5
2.5°	0.0	3.8	16.6	37.0	62.6	97.3	147.8	208.8	279.1	351.0	432.0
0°	0.0	3.8	16.5	36.8	62.2	96.5	147.2	208.2	279.2	351.6	432.8
-2.5°	0.0	3.8	16.6	37.0	62.6	97.3	147.8	208.8	279.1	351.0	432.0
-5°	0.0	3.8	16.6	37.1	62.7	97.8	147.7	208.5	277.9	349.0	429.5
-7.5°	0.0	3.9	16.6	37.0	62.7	97.9	147.2	207.4	275.7	345.9	425.4
-10°	0.0	3.9	16.5	36.8	62.4	97.6	146.0	205.5	272.4	341.5	419.6
-12.5°	0.0	3.8	16.4	36.6	61.9	97.0	144.3	202.7	268.2	336.1	413.0
-15°	0.0	3.8	16.3	36.1	61.3	95.9	142.1	199.1	263.3	330.3	405.1
-17.5°	0.0	3.8	16.0	35.6	60.4	94.5	139.3	195.3	257.8	323.3	395.7
-20°	0.0	3.8	15.8	34.9	59.3	92.7	136.7	191.3	251.5	315.2	384.7

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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	3.7	15.5	34.2	58.0	90.4	134.6	186.8	244.5	305.9	372.3
-25°	0.0	3.7	15.1	33.3	56.5	88.8	132.0	181.7	236.8	295.5	358.5
-27.5°	0.0	3.6	14.7	32.2	54.8	87.2	129.0	176.2	228.3	284.6	345.5
-30°	0.0	3.6	14.2	31.1	53.0	85.1	125.6	170.3	220.3	273.8	331.5
-32.5°	0.0	3.5	13.7	29.8	51.8	82.6	121.9	165.1	212.4	262.5	316.3
-35°	0.0	3.4	13.1	28.4	50.3	79.7	118.2	160.0	204.3	250.6	300.1
-37.5°	0.0	3.3	12.5	26.9	48.5	76.8	114.3	154.5	195.9	238.3	284.9
-40°	0.0	3.2	11.8	25.3	46.3	74.3	109.9	148.7	187.3	227.6	269.7
-42.5°	0.0	3.1	11.1	23.7	44.2	71.4	104.9	142.6	179.7	216.3	253.5
-45°	0.0	3.0	10.3	22.1	42.1	68.0	99.5	136.1	172.3	204.2	236.9
-47.5°	0.0	2.9	9.5	20.3	39.7	64.2	93.5	129.1	164.6	191.6	222.8
-50°	0.0	2.8	8.7	18.9	37.0	60.0	88.2	121.5	154.7	180.5	208.1
-52.5°	0.0	2.6	7.8	17.6	34.1	55.4	82.4	113.4	143.7	169.0	193.0
-55°	0.0	2.5	6.9	16.2	31.0	51.1	76.2	104.7	132.3	157.1	179.9
-57.5°	0.0	2.3	5.9	14.7	27.6	46.5	69.4	96.4	120.5	144.3	166.4
-60°	0.0	2.2	4.9	13.1	24.0	41.6	62.3	86.8	108.5	130.9	152.4
-62.5°	0.0	2.0	4.6	11.3	21.3	36.4	55.5	76.5	96.4	117.4	137.6
-65°	0.0	1.9	4.2	9.5	18.5	30.9	48.3	66.1	83.7	102.9	122.6
-67.5°	0.0	1.7	3.8	7.5	15.5	25.9	40.8	56.2	70.7	87.7	105.8
-70°	0.0	1.5	3.4	5.5	12.4	21.4	32.9	46.0	58.6	72.1	87.8
-72.5°	0.0	1.3	3.0	4.6	9.1	16.7	26.3	35.5	46.2	57.7	69.8
-75°	0.0	1.1	2.6	3.9	5.7	11.9	19.7	26.8	33.6	43.0	53.0
-77.5°	0.0	1.0	2.2	3.3	4.4	6.9	12.9	18.7	24.2	29.4	35.9
-80°	0.0	0.8	1.8	2.6	3.5	4.4	5.9	10.5	15.0	19.2	23.3
-82.5°	0.0	0.6	1.3	2.0	2.6	3.3	3.9	4.6	5.7	9.0	12.2
-85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
-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: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-VWR-XX

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°	2.5	2.8	3.2	3.6	3.7	3.7	3.6	3.6	3.8	3.9	4.0
85°	5.0	5.7	7.9	10.0	11.1	11.7	12.0	12.0	13.9	16.2	18.6
82.5°	15.4	18.6	21.6	24.5	25.3	25.3	25.1	25.2	29.7	35.0	40.3
80°	27.5	31.5	36.9	41.6	43.7	44.8	45.3	45.2	50.9	58.6	66.7
77.5°	43.6	50.4	56.3	61.4	64.1	66.5	68.4	69.9	77.3	87.1	96.7
75°	62.0	69.4	76.9	83.3	87.8	91.2	94.3	99.3	109.0	120.4	130.3
72.5°	81.4	90.9	99.1	106.1	112.5	119.2	126.7	135.0	145.3	156.6	166.9
70°	102.1	112.6	121.2	129.6	138.3	148.3	159.6	170.8	182.2	194.8	206.8
67.5°	122.4	132.4	142.6	153.3	166.2	179.7	193.1	208.4	224.1	238.0	250.4
65°	139.9	151.8	164.5	179.0	194.9	212.1	229.9	248.3	268.2	284.9	300.1
62.5°	156.7	171.0	186.4	204.5	224.8	245.1	267.9	290.9	313.3	332.9	351.1
60°	172.2	189.5	209.0	231.1	254.9	281.9	307.8	334.0	358.6	380.8	403.8
57.5°	187.3	209.0	232.5	259.0	289.0	319.4	349.8	378.0	405.8	432.9	458.9
55°	203.2	229.4	257.4	289.9	323.8	359.6	392.4	423.8	454.4	487.4	518.7
52.5°	220.8	250.0	285.0	321.4	360.5	399.0	435.0	470.8	507.9	545.1	585.8
50°	237.7	274.2	312.5	354.8	397.1	438.3	479.6	520.9	565.3	610.9	657.0
47.5°	257.5	297.2	342.5	387.9	434.1	480.0	526.0	575.9	626.3	679.3	730.3
45°	277.5	322.2	371.0	422.3	472.2	523.1	576.9	632.0	691.1	749.4	810.8
42.5°	296.5	347.0	400.8	456.2	511.8	568.6	627.7	692.1	756.7	823.9	891.4
40°	317.5	370.6	429.8	490.9	551.3	614.2	681.8	751.5	824.6	898.5	971.8
37.5°	337.7	396.0	458.4	524.1	591.8	660.9	734.4	813.5	892.8	972.3	1053.1
35°	356.6	420.2	487.7	557.5	629.2	707.9	790.0	874.5	960.4	1046.4	1133.3
32.5°	376.1	442.9	515.7	590.4	669.5	753.9	843.8	935.3	1026.8	1118.6	1213.8
30°	395.6	466.8	542.9	621.6	708.1	800.0	896.6	993.6	1090.3	1191.4	1292.8
27.5°	414.0	489.5	569.6	653.8	745.1	842.7	945.3	1049.2	1153.5	1261.0	1369.1
25°	431.0	511.0	594.3	684.8	781.5	883.8	990.7	1099.1	1213.5	1328.5	1441.4
22.5°	447.6	530.7	617.3	713.3	814.5	921.9	1033.3	1147.7	1267.3	1390.7	1507.6
20°	463.5	549.4	639.6	739.2	844.1	956.3	1072.0	1191.8	1317.2	1444.0	1569.7
17.5°	477.6	566.1	660.4	763.3	872.3	987.7	1106.8	1230.6	1361.6	1493.0	1626.2
15°	490.0	580.7	678.3	784.4	897.2	1016.2	1139.2	1266.5	1400.9	1537.7	1676.2
12.5°	500.4	592.9	693.5	802.3	918.4	1040.7	1167.0	1298.8	1436.8	1577.5	1719.9
10°	508.8	603.0	705.7	817.0	935.7	1061.0	1189.9	1325.4	1467.5	1611.3	1756.7
7.5°	516.0	611.3	715.4	828.3	949.0	1076.8	1207.7	1346.2	1492.0	1637.6	1786.3
5°	521.3	618.1	724.4	837.8	960.6	1089.2	1221.2	1361.0	1509.9	1656.4	1807.7
2.5°	524.4	622.5	730.5	844.0	969.7	1098.4	1233.2	1374.0	1523.1	1671.3	1823.8
0°	525.5	624.5	733.6	846.6	974.8	1102.9	1240.0	1380.9	1529.4	1680.4	1834.0
-2.5°	524.4	622.5	730.5	844.0	969.7	1098.4	1233.2	1374.0	1523.1	1671.3	1823.8
-5°	521.3	618.1	724.4	837.8	960.6	1089.2	1221.2	1361.0	1509.9	1656.4	1807.7
-7.5°	516.0	611.3	715.4	828.3	949.0	1076.8	1207.7	1346.2	1492.0	1637.6	1786.3
-10°	508.8	603.0	705.7	817.0	935.7	1061.0	1189.9	1325.4	1467.5	1611.3	1756.7
-12.5°	500.4	592.9	693.5	802.3	918.4	1040.7	1167.0	1298.8	1436.8	1577.5	1719.9
-15°	490.0	580.7	678.3	784.4	897.2	1016.2	1139.2	1266.5	1400.9	1537.7	1676.2
-17.5°	477.6	566.1	660.4	763.3	872.3	987.7	1106.8	1230.6	1361.6	1493.0	1626.2
-20°	463.5	549.4	639.6	739.2	844.1	956.3	1072.0	1191.8	1317.2	1444.0	1569.7

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	447.6	530.7	617.3	713.3	814.5	921.9	1033.3	1147.7	1267.3	1390.7	1507.6
-25°	431.0	511.0	594.3	684.8	781.5	883.8	990.7	1099.1	1213.5	1328.5	1441.4
-27.5°	414.0	489.5	569.6	653.8	745.1	842.7	945.3	1049.2	1153.5	1261.0	1369.1
-30°	395.6	466.8	542.9	621.6	708.1	800.0	896.6	993.6	1090.3	1191.4	1292.8
-32.5°	376.1	442.9	515.7	590.4	669.5	753.9	843.8	935.3	1026.8	1118.6	1213.8
-35°	356.6	420.2	487.7	557.5	629.2	707.9	790.0	874.5	960.4	1046.4	1133.3
-37.5°	337.7	396.0	458.4	524.1	591.8	660.9	734.4	813.5	892.8	972.3	1053.1
-40°	317.5	370.6	429.8	490.9	551.3	614.2	681.8	751.5	824.6	898.5	971.8
-42.5°	296.5	347.0	400.8	456.2	511.8	568.6	627.7	692.1	756.7	823.9	891.4
-45°	277.5	322.2	371.0	422.3	472.2	523.1	576.9	632.0	691.1	749.4	810.8
-47.5°	257.5	297.2	342.5	387.9	434.1	480.0	526.0	575.9	626.3	679.3	730.3
-50°	237.7	274.2	312.5	354.8	397.1	438.3	479.6	520.9	565.3	610.9	657.0
-52.5°	220.8	250.0	285.0	321.4	360.5	399.0	435.0	470.8	507.9	545.1	585.8
-55°	203.2	229.4	257.4	289.9	323.8	359.6	392.4	423.8	454.4	487.4	518.7
-57.5°	187.3	209.0	232.5	259.0	289.0	319.4	349.8	378.0	405.8	432.9	458.9
-60°	172.2	189.5	209.0	231.1	254.9	281.9	307.8	334.0	358.6	380.8	403.8
-62.5°	156.7	171.0	186.4	204.5	224.8	245.1	267.9	290.9	313.3	332.9	351.1
-65°	139.9	151.8	164.5	179.0	194.9	212.1	229.9	248.3	268.2	284.9	300.1
-67.5°	122.4	132.4	142.6	153.3	166.2	179.7	193.1	208.4	224.1	238.0	250.4
-70°	102.1	112.6	121.2	129.6	138.3	148.3	159.6	170.8	182.2	194.8	206.8
-72.5°	81.4	90.9	99.1	106.1	112.5	119.2	126.7	135.0	145.3	156.6	166.9
-75°	62.0	69.4	76.9	83.3	87.8	91.2	94.3	99.3	109.0	120.4	130.3
-77.5°	43.6	50.4	56.3	61.4	64.1	66.5	68.4	69.9	77.3	87.1	96.7
-80°	27.5	31.5	36.9	41.6	43.7	44.8	45.3	45.2	50.9	58.6	66.7
-82.5°	15.4	18.6	21.6	24.5	25.3	25.3	25.1	25.2	29.7	35.0	40.3
-85°	5.0	5.7	7.9	10.0	11.1	11.7	12.0	12.0	13.9	16.2	18.6
-87.5°	2.5	2.8	3.2	3.6	3.7	3.7	3.6	3.6	3.8	3.9	4.0
-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: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-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°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	4.7	4.4
85°	21.2	22.7	24.1	25.4	26.7	27.9	29.0	30.1	31.1	28.4	25.4
82.5°	45.8	49.5	52.9	56.4	59.9	60.8	61.0	60.9	60.4	55.7	50.4
80°	74.7	81.0	86.8	92.7	98.4	99.0	98.4	97.2	95.5	89.3	82.3
77.5°	106.4	114.2	121.0	127.3	133.0	134.1	134.0	133.7	133.2	126.9	119.2
75°	138.7	146.4	153.8	160.1	165.3	167.7	168.9	169.7	170.2	165.6	159.7
72.5°	176.3	184.3	190.8	196.9	202.1	205.8	208.5	210.5	211.9	210.5	208.1
70°	217.1	225.6	232.8	239.7	246.7	252.3	256.6	259.6	261.6	262.8	263.7
67.5°	263.0	274.4	284.5	293.0	301.5	309.4	315.9	321.2	325.4	328.9	331.6
65°	314.6	329.3	342.3	354.3	365.2	376.7	386.2	394.1	400.5	405.8	410.0
62.5°	369.0	387.0	403.7	419.9	435.8	451.4	463.4	474.3	484.0	492.4	499.1
60°	425.5	446.0	468.4	489.7	509.4	527.4	545.3	560.7	574.0	585.0	593.8
57.5°	486.2	512.7	538.8	565.4	590.6	614.1	636.0	655.5	671.9	685.3	696.6
55°	551.8	584.9	615.3	648.8	681.2	710.7	736.6	759.4	779.2	795.7	809.7
52.5°	623.9	664.1	703.6	741.7	778.5	812.7	843.8	870.4	894.0	914.3	930.4
50°	702.8	748.8	794.6	837.0	879.3	918.7	954.3	985.2	1012.7	1036.5	1055.2
47.5°	785.3	837.7	888.8	937.4	984.2	1028.0	1066.5	1101.7	1136.0	1163.9	1186.1
45°	871.0	929.8	986.2	1041.7	1093.2	1142.3	1189.9	1233.6	1268.8	1299.6	1325.5
42.5°	957.8	1023.3	1086.4	1147.0	1203.6	1260.4	1313.9	1361.8	1401.9	1436.9	1466.3
40°	1045.7	1117.4	1187.0	1253.0	1317.7	1379.6	1437.5	1488.0	1533.3	1574.9	1609.5
37.5°	1133.1	1212.0	1289.1	1363.0	1434.3	1501.4	1564.0	1621.0	1672.0	1719.4	1757.9
35°	1220.9	1307.5	1391.8	1473.3	1551.1	1625.1	1693.6	1758.5	1818.7	1866.7	1906.1
32.5°	1308.4	1401.5	1493.3	1582.9	1668.1	1747.9	1822.1	1893.8	1955.7	2008.4	2053.7
30°	1393.0	1493.9	1593.8	1691.0	1783.0	1869.5	1951.7	2027.5	2094.1	2151.8	2202.5
27.5°	1476.0	1584.4	1691.6	1795.5	1895.0	1989.0	2078.6	2160.8	2233.5	2296.2	2349.7
25°	1554.5	1671.0	1785.3	1895.4	2001.7	2105.3	2202.2	2291.9	2369.5	2438.4	2493.4
22.5°	1629.5	1753.8	1873.9	1989.7	2103.4	2215.1	2321.1	2414.8	2497.0	2569.0	2629.9
20°	1699.4	1832.5	1955.4	2077.9	2197.7	2317.0	2430.8	2529.6	2616.6	2693.3	2760.4
17.5°	1764.7	1901.3	2030.7	2161.1	2287.3	2412.4	2528.1	2634.0	2727.9	2809.3	2879.5
15°	1820.0	1957.9	2099.2	2238.4	2371.6	2498.3	2613.8	2724.5	2828.7	2916.7	2988.0
12.5°	1864.8	2008.2	2155.6	2303.4	2444.2	2570.7	2691.7	2804.0	2913.5	3012.3	3077.8
10°	1902.9	2050.6	2202.8	2353.5	2496.2	2630.1	2761.6	2880.3	2987.9	3076.4	3149.5
7.5°	1936.0	2088.0	2242.6	2393.6	2535.8	2674.1	2809.5	2935.5	3044.2	3127.5	3192.8
5°	1960.3	2116.0	2273.6	2425.9	2570.1	2708.9	2844.9	2969.3	3075.4	3160.2	3231.4
2.5°	1977.7	2134.8	2293.6	2446.1	2593.5	2732.6	2872.0	2997.8	3100.5	3178.3	3246.5
0°	1988.9	2146.2	2306.2	2462.3	2607.0	2741.5	2891.3	3009.3	3115.9	3193.4	3264.4
-2.5°	1977.7	2134.8	2293.6	2446.1	2593.5	2732.6	2872.0	2997.8	3100.5	3178.3	3246.5
-5°	1960.3	2116.0	2273.6	2425.9	2570.1	2708.9	2844.9	2969.3	3075.4	3160.2	3231.4
-7.5°	1936.0	2088.0	2242.6	2393.6	2535.8	2674.1	2809.5	2935.5	3044.2	3127.5	3192.8
-10°	1902.9	2050.6	2202.8	2353.5	2496.2	2630.1	2761.6	2880.3	2987.9	3076.4	3149.5
-12.5°	1864.8	2008.2	2155.6	2303.4	2444.2	2570.7	2691.7	2804.0	2913.5	3012.3	3077.8
-15°	1820.0	1957.9	2099.2	2238.4	2371.6	2498.3	2613.8	2724.5	2828.7	2916.7	2988.0
-17.5°	1764.7	1901.3	2030.7	2161.1	2287.3	2412.4	2528.1	2634.0	2727.9	2809.3	2879.5
-20°	1699.4	1832.5	1955.4	2077.9	2197.7	2317.0	2430.8	2529.6	2616.6	2693.3	2760.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1629.5	1753.8	1873.9	1989.7	2103.4	2215.1	2321.1	2414.8	2497.0	2569.0	2629.9
-25°	1554.5	1671.0	1785.3	1895.4	2001.7	2105.3	2202.2	2291.9	2369.5	2438.4	2493.4
-27.5°	1476.0	1584.4	1691.6	1795.5	1895.0	1989.0	2078.6	2160.8	2233.5	2296.2	2349.7
-30°	1393.0	1493.9	1593.8	1691.0	1783.0	1869.5	1951.7	2027.5	2094.1	2151.8	2202.5
-32.5°	1308.4	1401.5	1493.3	1582.9	1668.1	1747.9	1822.1	1893.8	1955.7	2008.4	2053.7
-35°	1220.9	1307.5	1391.8	1473.3	1551.1	1625.1	1693.6	1758.5	1818.7	1866.7	1906.1
-37.5°	1133.1	1212.0	1289.1	1363.0	1434.3	1501.4	1564.0	1621.0	1672.0	1719.4	1757.9
-40°	1045.7	1117.4	1187.0	1253.0	1317.7	1379.6	1437.5	1488.0	1533.3	1574.9	1609.5
-42.5°	957.8	1023.3	1086.4	1147.0	1203.6	1260.4	1313.9	1361.8	1401.9	1436.9	1466.3
-45°	871.0	929.8	986.2	1041.7	1093.2	1142.3	1189.9	1233.6	1268.8	1299.6	1325.5
-47.5°	785.3	837.7	888.8	937.4	984.2	1028.0	1066.5	1101.7	1136.0	1163.9	1186.1
-50°	702.8	748.8	794.6	837.0	879.3	918.7	954.3	985.2	1012.7	1036.5	1055.2
-52.5°	623.9	664.1	703.6	741.7	778.5	812.7	843.8	870.4	894.0	914.3	930.4
-55°	551.8	584.9	615.3	648.8	681.2	710.7	736.6	759.4	779.2	795.7	809.7
-57.5°	486.2	512.7	538.8	565.4	590.6	614.1	636.0	655.5	671.9	685.3	696.6
-60°	425.5	446.0	468.4	489.7	509.4	527.4	545.3	560.7	574.0	585.0	593.8
-62.5°	369.0	387.0	403.7	419.9	435.8	451.4	463.4	474.3	484.0	492.4	499.1
-65°	314.6	329.3	342.3	354.3	365.2	376.7	386.2	394.1	400.5	405.8	410.0
-67.5°	263.0	274.4	284.5	293.0	301.5	309.4	315.9	321.2	325.4	328.9	331.6
-70°	217.1	225.6	232.8	239.7	246.7	252.3	256.6	259.6	261.6	262.8	263.7
-72.5°	176.3	184.3	190.8	196.9	202.1	205.8	208.5	210.5	211.9	210.5	208.1
-75°	138.7	146.4	153.8	160.1	165.3	167.7	168.9	169.7	170.2	165.6	159.7
-77.5°	106.4	114.2	121.0	127.3	133.0	134.1	134.0	133.7	133.2	126.9	119.2
-80°	74.7	81.0	86.8	92.7	98.4	99.0	98.4	97.2	95.5	89.3	82.3
-82.5°	45.8	49.5	52.9	56.4	59.9	60.8	61.0	60.9	60.4	55.7	50.4
-85°	21.2	22.7	24.1	25.4	26.7	27.9	29.0	30.1	31.1	28.4	25.4
-87.5°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	4.7	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-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°	4.1	3.8	3.8	3.8	3.8	3.8	4.1	4.4	4.7	4.9	4.9
85°	22.2	18.9	17.7	16.5	17.7	18.9	22.2	25.4	28.4	31.1	30.1
82.5°	44.9	39.2	37.4	35.5	37.4	39.2	44.9	50.4	55.7	60.4	60.9
80°	74.9	67.1	64.0	60.9	64.0	67.1	74.9	82.3	89.3	95.5	97.2
77.5°	111.1	102.6	98.9	95.2	98.9	102.6	111.1	119.2	126.9	133.2	133.7
75°	153.4	146.7	142.7	138.3	142.7	146.7	153.4	159.7	165.6	170.2	169.7
72.5°	205.3	202.0	199.1	195.5	199.1	202.0	205.3	208.1	210.5	211.9	210.5
70°	264.1	263.7	264.2	264.0	264.2	263.7	264.1	263.7	262.8	261.6	259.6
67.5°	332.9	333.0	334.5	335.1	334.5	333.0	332.9	331.6	328.9	325.4	321.2
65°	412.6	413.6	413.2	411.2	413.2	413.6	412.6	410.0	405.8	400.5	394.1
62.5°	503.8	506.5	508.0	507.7	508.0	506.5	503.8	499.1	492.4	484.0	474.3
60°	600.4	604.7	606.9	606.7	606.9	604.7	600.4	593.8	585.0	574.0	560.7
57.5°	705.0	710.5	711.8	709.5	711.8	710.5	705.0	696.6	685.3	671.9	655.5
55°	820.3	827.4	830.1	828.8	830.1	827.4	820.3	809.7	795.7	779.2	759.4
52.5°	942.3	949.9	952.6	950.6	952.6	949.9	942.3	930.4	914.3	894.0	870.4
50°	1068.9	1078.1	1081.8	1080.1	1081.8	1078.1	1068.9	1055.2	1036.5	1012.7	985.2
47.5°	1203.4	1215.7	1220.5	1217.2	1220.5	1215.7	1203.4	1186.1	1163.9	1136.0	1101.7
45°	1344.8	1357.6	1362.5	1359.3	1362.5	1357.6	1344.8	1325.5	1299.6	1268.8	1233.6
42.5°	1488.8	1505.4	1512.4	1506.6	1512.4	1505.4	1488.8	1466.3	1436.9	1401.9	1361.8
40°	1635.4	1653.4	1661.7	1657.6	1661.7	1653.4	1635.4	1609.5	1574.9	1533.3	1488.0
37.5°	1785.7	1803.6	1812.3	1812.4	1812.3	1803.6	1785.7	1757.9	1719.4	1672.0	1621.0
35°	1936.6	1958.2	1970.4	1969.8	1970.4	1958.2	1936.6	1906.1	1866.7	1818.7	1758.5
32.5°	2089.5	2112.9	2125.4	2127.2	2125.4	2112.9	2089.5	2053.7	2008.4	1955.7	1893.8
30°	2242.2	2268.0	2282.5	2288.4	2282.5	2268.0	2242.2	2202.5	2151.8	2094.1	2027.5
27.5°	2390.3	2422.0	2443.9	2445.8	2443.9	2422.0	2390.3	2349.7	2296.2	2233.5	2160.8
25°	2533.7	2566.0	2588.4	2593.0	2588.4	2566.0	2533.7	2493.4	2438.4	2369.5	2291.9
22.5°	2675.1	2708.8	2729.5	2737.7	2729.5	2708.8	2675.1	2629.9	2569.0	2497.0	2414.8
20°	2810.1	2846.6	2868.5	2877.3	2868.5	2846.6	2810.1	2760.4	2693.3	2616.6	2529.6
17.5°	2932.2	2970.8	2997.8	3005.5	2997.8	2970.8	2932.2	2879.5	2809.3	2727.9	2634.0
15°	3039.6	3076.2	3101.9	3112.1	3101.9	3076.2	3039.6	2988.0	2916.7	2828.7	2724.5
12.5°	3127.1	3159.8	3179.9	3189.5	3179.9	3159.8	3127.1	3077.8	3012.3	2913.5	2804.0
10°	3195.4	3228.2	3247.4	3260.6	3247.4	3228.2	3195.4	3149.5	3076.4	2987.9	2880.3
7.5°	3254.6	3288.4	3311.9	3330.4	3311.9	3288.4	3254.6	3192.8	3127.5	3044.2	2935.5
5°	3287.4	3343.6	3352.1	3364.7	3352.1	3343.6	3287.4	3231.4	3160.2	3075.4	2969.3
2.5°	3312.4	3352.2	3376.2	3373.6	3376.2	3352.2	3312.4	3246.5	3178.3	3100.5	2997.8
0°	3330.4	3366.0	3374.8	3386.3	3374.8	3366.0	3330.4	3264.4	3193.4	3115.9	3009.3
-2.5°	3312.4	3352.2	3376.2	3373.6	3376.2	3352.2	3312.4	3246.5	3178.3	3100.5	2997.8
-5°	3287.4	3343.6	3352.1	3364.7	3352.1	3343.6	3287.4	3231.4	3160.2	3075.4	2969.3
-7.5°	3254.6	3288.4	3311.9	3330.4	3311.9	3288.4	3254.6	3192.8	3127.5	3044.2	2935.5
-10°	3195.4	3228.2	3247.4	3260.6	3247.4	3228.2	3195.4	3149.5	3076.4	2987.9	2880.3
-12.5°	3127.1	3159.8	3179.9	3189.5	3179.9	3159.8	3127.1	3077.8	3012.3	2913.5	2804.0
-15°	3039.6	3076.2	3101.9	3112.1	3101.9	3076.2	3039.6	2988.0	2916.7	2828.7	2724.5
-17.5°	2932.2	2970.8	2997.8	3005.5	2997.8	2970.8	2932.2	2879.5	2809.3	2727.9	2634.0
-20°	2810.1	2846.6	2868.5	2877.3	2868.5	2846.6	2810.1	2760.4	2693.3	2616.6	2529.6



REPORT NUMBER: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-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°	2675.1	2708.8	2729.5	2737.7	2729.5	2708.8	2675.1	2629.9	2569.0	2497.0	2414.8
-25°	2533.7	2566.0	2588.4	2593.0	2588.4	2566.0	2533.7	2493.4	2438.4	2369.5	2291.9
-27.5°	2390.3	2422.0	2443.9	2445.8	2443.9	2422.0	2390.3	2349.7	2296.2	2233.5	2160.8
-30°	2242.2	2268.0	2282.5	2288.4	2282.5	2268.0	2242.2	2202.5	2151.8	2094.1	2027.5
-32.5°	2089.5	2112.9	2125.4	2127.2	2125.4	2112.9	2089.5	2053.7	2008.4	1955.7	1893.8
-35°	1936.6	1958.2	1970.4	1969.8	1970.4	1958.2	1936.6	1906.1	1866.7	1818.7	1758.5
-37.5°	1785.7	1803.6	1812.3	1812.4	1812.3	1803.6	1785.7	1757.9	1719.4	1672.0	1621.0
-40°	1635.4	1653.4	1661.7	1657.6	1661.7	1653.4	1635.4	1609.5	1574.9	1533.3	1488.0
-42.5°	1488.8	1505.4	1512.4	1506.6	1512.4	1505.4	1488.8	1466.3	1436.9	1401.9	1361.8
-45°	1344.8	1357.6	1362.5	1359.3	1362.5	1357.6	1344.8	1325.5	1299.6	1268.8	1233.6
-47.5°	1203.4	1215.7	1220.5	1217.2	1220.5	1215.7	1203.4	1186.1	1163.9	1136.0	1101.7
-50°	1068.9	1078.1	1081.8	1080.1	1081.8	1078.1	1068.9	1055.2	1036.5	1012.7	985.2
-52.5°	942.3	949.9	952.6	950.6	952.6	949.9	942.3	930.4	914.3	894.0	870.4
-55°	820.3	827.4	830.1	828.8	830.1	827.4	820.3	809.7	795.7	779.2	759.4
-57.5°	705.0	710.5	711.8	709.5	711.8	710.5	705.0	696.6	685.3	671.9	655.5
-60°	600.4	604.7	606.9	606.7	606.9	604.7	600.4	593.8	585.0	574.0	560.7
-62.5°	503.8	506.5	508.0	507.7	508.0	506.5	503.8	499.1	492.4	484.0	474.3
-65°	412.6	413.6	413.2	411.2	413.2	413.6	412.6	410.0	405.8	400.5	394.1
-67.5°	332.9	333.0	334.5	335.1	334.5	333.0	332.9	331.6	328.9	325.4	321.2
-70°	264.1	263.7	264.2	264.0	264.2	263.7	264.1	263.7	262.8	261.6	259.6
-72.5°	205.3	202.0	199.1	195.5	199.1	202.0	205.3	208.1	210.5	211.9	210.5
-75°	153.4	146.7	142.7	138.3	142.7	146.7	153.4	159.7	165.6	170.2	169.7
-77.5°	111.1	102.6	98.9	95.2	98.9	102.6	111.1	119.2	126.9	133.2	133.7
-80°	74.9	67.1	64.0	60.9	64.0	67.1	74.9	82.3	89.3	95.5	97.2
-82.5°	44.9	39.2	37.4	35.5	37.4	39.2	44.9	50.4	55.7	60.4	60.9
-85°	22.2	18.9	17.7	16.5	17.7	18.9	22.2	25.4	28.4	31.1	30.1
-87.5°	4.1	3.8	3.8	3.8	3.8	3.8	4.1	4.4	4.7	4.9	4.9
-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: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-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°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.6
85°	29.0	27.9	26.7	25.4	24.1	22.7	21.2	18.6	16.2	13.9	12.0
82.5°	61.0	60.8	59.9	56.4	52.9	49.5	45.8	40.3	35.0	29.7	25.2
80°	98.4	99.0	98.4	92.7	86.8	81.0	74.7	66.7	58.6	50.9	45.2
77.5°	134.0	134.1	133.0	127.3	121.0	114.2	106.4	96.7	87.1	77.3	69.9
75°	168.9	167.7	165.3	160.1	153.8	146.4	138.7	130.3	120.4	109.0	99.3
72.5°	208.5	205.8	202.1	196.9	190.8	184.3	176.3	166.9	156.6	145.3	135.0
70°	256.6	252.3	246.7	239.7	232.8	225.6	217.1	206.8	194.8	182.2	170.8
67.5°	315.9	309.4	301.5	293.0	284.5	274.4	263.0	250.4	238.0	224.1	208.4
65°	386.2	376.7	365.2	354.3	342.3	329.3	314.6	300.1	284.9	268.2	248.3
62.5°	463.4	451.4	435.8	419.9	403.7	387.0	369.0	351.1	332.9	313.3	290.9
60°	545.3	527.4	509.4	489.7	468.4	446.0	425.5	403.8	380.8	358.6	334.0
57.5°	636.0	614.1	590.6	565.4	538.8	512.7	486.2	458.9	432.9	405.8	378.0
55°	736.6	710.7	681.2	648.8	615.3	584.9	551.8	518.7	487.4	454.4	423.8
52.5°	843.8	812.7	778.5	741.7	703.6	664.1	623.9	585.8	545.1	507.9	470.8
50°	954.3	918.7	879.3	837.0	794.6	748.8	702.8	657.0	610.9	565.3	520.9
47.5°	1066.5	1028.0	984.2	937.4	888.8	837.7	785.3	730.3	679.3	626.3	575.9
45°	1189.9	1142.3	1093.2	1041.7	986.2	929.8	871.0	810.8	749.4	691.1	632.0
42.5°	1313.9	1260.4	1203.6	1147.0	1086.4	1023.3	957.8	891.4	823.9	756.7	692.1
40°	1437.5	1379.6	1317.7	1253.0	1187.0	1117.4	1045.7	971.8	898.5	824.6	751.5
37.5°	1564.0	1501.4	1434.3	1363.0	1289.1	1212.0	1133.1	1053.1	972.3	892.8	813.5
35°	1693.6	1625.1	1551.1	1473.3	1391.8	1307.5	1220.9	1133.3	1046.4	960.4	874.5
32.5°	1822.1	1747.9	1668.1	1582.9	1493.3	1401.5	1308.4	1213.8	1118.6	1026.8	935.3
30°	1951.7	1869.5	1783.0	1691.0	1593.8	1493.9	1393.0	1292.8	1191.4	1090.3	993.6
27.5°	2078.6	1989.0	1895.0	1795.5	1691.6	1584.4	1476.0	1369.1	1261.0	1153.5	1049.2
25°	2202.2	2105.3	2001.7	1895.4	1785.3	1671.0	1554.5	1441.4	1328.5	1213.5	1099.1
22.5°	2321.1	2215.1	2103.4	1989.7	1873.9	1753.8	1629.5	1507.6	1390.7	1267.3	1147.7
20°	2430.8	2317.0	2197.7	2077.9	1955.4	1832.5	1699.4	1569.7	1444.0	1317.2	1191.8
17.5°	2528.1	2412.4	2287.3	2161.1	2030.7	1901.3	1764.7	1626.2	1493.0	1361.6	1230.6
15°	2613.8	2498.3	2371.6	2238.4	2099.2	1957.9	1820.0	1676.2	1537.7	1400.9	1266.5
12.5°	2691.7	2570.7	2444.2	2303.4	2155.6	2008.2	1864.8	1719.9	1577.5	1436.8	1298.8
10°	2761.6	2630.1	2496.2	2353.5	2202.8	2050.6	1902.9	1756.7	1611.3	1467.5	1325.4
7.5°	2809.5	2674.1	2535.8	2393.6	2242.6	2088.0	1936.0	1786.3	1637.6	1492.0	1346.2
5°	2844.9	2708.9	2570.1	2425.9	2273.6	2116.0	1960.3	1807.7	1656.4	1509.9	1361.0
2.5°	2872.0	2732.6	2593.5	2446.1	2293.6	2134.8	1977.7	1823.8	1671.3	1523.1	1374.0
0°	2891.3	2741.5	2607.0	2462.3	2306.2	2146.2	1988.9	1834.0	1680.4	1529.4	1380.9
-2.5°	2872.0	2732.6	2593.5	2446.1	2293.6	2134.8	1977.7	1823.8	1671.3	1523.1	1374.0
-5°	2844.9	2708.9	2570.1	2425.9	2273.6	2116.0	1960.3	1807.7	1656.4	1509.9	1361.0
-7.5°	2809.5	2674.1	2535.8	2393.6	2242.6	2088.0	1936.0	1786.3	1637.6	1492.0	1346.2
-10°	2761.6	2630.1	2496.2	2353.5	2202.8	2050.6	1902.9	1756.7	1611.3	1467.5	1325.4
-12.5°	2691.7	2570.7	2444.2	2303.4	2155.6	2008.2	1864.8	1719.9	1577.5	1436.8	1298.8
-15°	2613.8	2498.3	2371.6	2238.4	2099.2	1957.9	1820.0	1676.2	1537.7	1400.9	1266.5
-17.5°	2528.1	2412.4	2287.3	2161.1	2030.7	1901.3	1764.7	1626.2	1493.0	1361.6	1230.6
-20°	2430.8	2317.0	2197.7	2077.9	1955.4	1832.5	1699.4	1569.7	1444.0	1317.2	1191.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2321.1	2215.1	2103.4	1989.7	1873.9	1753.8	1629.5	1507.6	1390.7	1267.3	1147.7
-25°	2202.2	2105.3	2001.7	1895.4	1785.3	1671.0	1554.5	1441.4	1328.5	1213.5	1099.1
-27.5°	2078.6	1989.0	1895.0	1795.5	1691.6	1584.4	1476.0	1369.1	1261.0	1153.5	1049.2
-30°	1951.7	1869.5	1783.0	1691.0	1593.8	1493.9	1393.0	1292.8	1191.4	1090.3	993.6
-32.5°	1822.1	1747.9	1668.1	1582.9	1493.3	1401.5	1308.4	1213.8	1118.6	1026.8	935.3
-35°	1693.6	1625.1	1551.1	1473.3	1391.8	1307.5	1220.9	1133.3	1046.4	960.4	874.5
-37.5°	1564.0	1501.4	1434.3	1363.0	1289.1	1212.0	1133.1	1053.1	972.3	892.8	813.5
-40°	1437.5	1379.6	1317.7	1253.0	1187.0	1117.4	1045.7	971.8	898.5	824.6	751.5
-42.5°	1313.9	1260.4	1203.6	1147.0	1086.4	1023.3	957.8	891.4	823.9	756.7	692.1
-45°	1189.9	1142.3	1093.2	1041.7	986.2	929.8	871.0	810.8	749.4	691.1	632.0
-47.5°	1066.5	1028.0	984.2	937.4	888.8	837.7	785.3	730.3	679.3	626.3	575.9
-50°	954.3	918.7	879.3	837.0	794.6	748.8	702.8	657.0	610.9	565.3	520.9
-52.5°	843.8	812.7	778.5	741.7	703.6	664.1	623.9	585.8	545.1	507.9	470.8
-55°	736.6	710.7	681.2	648.8	615.3	584.9	551.8	518.7	487.4	454.4	423.8
-57.5°	636.0	614.1	590.6	565.4	538.8	512.7	486.2	458.9	432.9	405.8	378.0
-60°	545.3	527.4	509.4	489.7	468.4	446.0	425.5	403.8	380.8	358.6	334.0
-62.5°	463.4	451.4	435.8	419.9	403.7	387.0	369.0	351.1	332.9	313.3	290.9
-65°	386.2	376.7	365.2	354.3	342.3	329.3	314.6	300.1	284.9	268.2	248.3
-67.5°	315.9	309.4	301.5	293.0	284.5	274.4	263.0	250.4	238.0	224.1	208.4
-70°	256.6	252.3	246.7	239.7	232.8	225.6	217.1	206.8	194.8	182.2	170.8
-72.5°	208.5	205.8	202.1	196.9	190.8	184.3	176.3	166.9	156.6	145.3	135.0
-75°	168.9	167.7	165.3	160.1	153.8	146.4	138.7	130.3	120.4	109.0	99.3
-77.5°	134.0	134.1	133.0	127.3	121.0	114.2	106.4	96.7	87.1	77.3	69.9
-80°	98.4	99.0	98.4	92.7	86.8	81.0	74.7	66.7	58.6	50.9	45.2
-82.5°	61.0	60.8	59.9	56.4	52.9	49.5	45.8	40.3	35.0	29.7	25.2
-85°	29.0	27.9	26.7	25.4	24.1	22.7	21.2	18.6	16.2	13.9	12.0
-87.5°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.6
-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: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-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°	3.6	3.7	3.7	3.6	3.2	2.8	2.5	2.2	2.0	1.7	1.5
85°	12.0	11.7	11.1	10.0	7.9	5.7	5.0	4.3	3.9	3.5	3.1
82.5°	25.1	25.3	25.3	24.5	21.6	18.6	15.4	12.2	9.0	5.7	4.6
80°	45.3	44.8	43.7	41.6	36.9	31.5	27.5	23.3	19.2	15.0	10.5
77.5°	68.4	66.5	64.1	61.4	56.3	50.4	43.6	35.9	29.4	24.2	18.7
75°	94.3	91.2	87.8	83.3	76.9	69.4	62.0	53.0	43.0	33.6	26.8
72.5°	126.7	119.2	112.5	106.1	99.1	90.9	81.4	69.8	57.7	46.2	35.5
70°	159.6	148.3	138.3	129.6	121.2	112.6	102.1	87.8	72.1	58.6	46.0
67.5°	193.1	179.7	166.2	153.3	142.6	132.4	122.4	105.8	87.7	70.7	56.2
65°	229.9	212.1	194.9	179.0	164.5	151.8	139.9	122.6	102.9	83.7	66.1
62.5°	267.9	245.1	224.8	204.5	186.4	171.0	156.7	137.6	117.4	96.4	76.5
60°	307.8	281.9	254.9	231.1	209.0	189.5	172.2	152.4	130.9	108.5	86.8
57.5°	349.8	319.4	289.0	259.0	232.5	209.0	187.3	166.4	144.3	120.5	96.4
55°	392.4	359.6	323.8	289.9	257.4	229.4	203.2	179.9	157.1	132.3	104.7
52.5°	435.0	399.0	360.5	321.4	285.0	250.0	220.8	193.0	169.0	143.7	113.4
50°	479.6	438.3	397.1	354.8	312.5	274.2	237.7	208.1	180.5	154.7	121.5
47.5°	526.0	480.0	434.1	387.9	342.5	297.2	257.5	222.8	191.6	164.6	129.1
45°	576.9	523.1	472.2	422.3	371.0	322.2	277.5	236.9	204.2	172.3	136.1
42.5°	627.7	568.6	511.8	456.2	400.8	347.0	296.5	253.5	216.3	179.7	142.6
40°	681.8	614.2	551.3	490.9	429.8	370.6	317.5	269.7	227.6	187.3	148.7
37.5°	734.4	660.9	591.8	524.1	458.4	396.0	337.7	284.9	238.3	195.9	154.5
35°	790.0	707.9	629.2	557.5	487.7	420.2	356.6	300.1	250.6	204.3	160.0
32.5°	843.8	753.9	669.5	590.4	515.7	442.9	376.1	316.3	262.5	212.4	165.1
30°	896.6	800.0	708.1	621.6	542.9	466.8	395.6	331.5	273.8	220.3	170.3
27.5°	945.3	842.7	745.1	653.8	569.6	489.5	414.0	345.5	284.6	228.3	176.2
25°	990.7	883.8	781.5	684.8	594.3	511.0	431.0	358.5	295.5	236.8	181.7
22.5°	1033.3	921.9	814.5	713.3	617.3	530.7	447.6	372.3	305.9	244.5	186.8
20°	1072.0	956.3	844.1	739.2	639.6	549.4	463.5	384.7	315.2	251.5	191.3
17.5°	1106.8	987.7	872.3	763.3	660.4	566.1	477.6	395.7	323.3	257.8	195.3
15°	1139.2	1016.2	897.2	784.4	678.3	580.7	490.0	405.1	330.3	263.3	199.1
12.5°	1167.0	1040.7	918.4	802.3	693.5	592.9	500.4	413.0	336.1	268.2	202.7
10°	1189.9	1061.0	935.7	817.0	705.7	603.0	508.8	419.6	341.5	272.4	205.5
7.5°	1207.7	1076.8	949.0	828.3	715.4	611.3	516.0	425.4	345.9	275.7	207.4
5°	1221.2	1089.2	960.6	837.8	724.4	618.1	521.3	429.5	349.0	277.9	208.5
2.5°	1233.2	1098.4	969.7	844.0	730.5	622.5	524.4	432.0	351.0	279.1	208.8
0°	1240.0	1102.9	974.8	846.6	733.6	624.5	525.5	432.8	351.6	279.2	208.2
-2.5°	1233.2	1098.4	969.7	844.0	730.5	622.5	524.4	432.0	351.0	279.1	208.8
-5°	1221.2	1089.2	960.6	837.8	724.4	618.1	521.3	429.5	349.0	277.9	208.5
-7.5°	1207.7	1076.8	949.0	828.3	715.4	611.3	516.0	425.4	345.9	275.7	207.4
-10°	1189.9	1061.0	935.7	817.0	705.7	603.0	508.8	419.6	341.5	272.4	205.5
-12.5°	1167.0	1040.7	918.4	802.3	693.5	592.9	500.4	413.0	336.1	268.2	202.7
-15°	1139.2	1016.2	897.2	784.4	678.3	580.7	490.0	405.1	330.3	263.3	199.1
-17.5°	1106.8	987.7	872.3	763.3	660.4	566.1	477.6	395.7	323.3	257.8	195.3
-20°	1072.0	956.3	844.1	739.2	639.6	549.4	463.5	384.7	315.2	251.5	191.3

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-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°	1033.3	921.9	814.5	713.3	617.3	530.7	447.6	372.3	305.9	244.5	186.8
-25°	990.7	883.8	781.5	684.8	594.3	511.0	431.0	358.5	295.5	236.8	181.7
-27.5°	945.3	842.7	745.1	653.8	569.6	489.5	414.0	345.5	284.6	228.3	176.2
-30°	896.6	800.0	708.1	621.6	542.9	466.8	395.6	331.5	273.8	220.3	170.3
-32.5°	843.8	753.9	669.5	590.4	515.7	442.9	376.1	316.3	262.5	212.4	165.1
-35°	790.0	707.9	629.2	557.5	487.7	420.2	356.6	300.1	250.6	204.3	160.0
-37.5°	734.4	660.9	591.8	524.1	458.4	396.0	337.7	284.9	238.3	195.9	154.5
-40°	681.8	614.2	551.3	490.9	429.8	370.6	317.5	269.7	227.6	187.3	148.7
-42.5°	627.7	568.6	511.8	456.2	400.8	347.0	296.5	253.5	216.3	179.7	142.6
-45°	576.9	523.1	472.2	422.3	371.0	322.2	277.5	236.9	204.2	172.3	136.1
-47.5°	526.0	480.0	434.1	387.9	342.5	297.2	257.5	222.8	191.6	164.6	129.1
-50°	479.6	438.3	397.1	354.8	312.5	274.2	237.7	208.1	180.5	154.7	121.5
-52.5°	435.0	399.0	360.5	321.4	285.0	250.0	220.8	193.0	169.0	143.7	113.4
-55°	392.4	359.6	323.8	289.9	257.4	229.4	203.2	179.9	157.1	132.3	104.7
-57.5°	349.8	319.4	289.0	259.0	232.5	209.0	187.3	166.4	144.3	120.5	96.4
-60°	307.8	281.9	254.9	231.1	209.0	189.5	172.2	152.4	130.9	108.5	86.8
-62.5°	267.9	245.1	224.8	204.5	186.4	171.0	156.7	137.6	117.4	96.4	76.5
-65°	229.9	212.1	194.9	179.0	164.5	151.8	139.9	122.6	102.9	83.7	66.1
-67.5°	193.1	179.7	166.2	153.3	142.6	132.4	122.4	105.8	87.7	70.7	56.2
-70°	159.6	148.3	138.3	129.6	121.2	112.6	102.1	87.8	72.1	58.6	46.0
-72.5°	126.7	119.2	112.5	106.1	99.1	90.9	81.4	69.8	57.7	46.2	35.5
-75°	94.3	91.2	87.8	83.3	76.9	69.4	62.0	53.0	43.0	33.6	26.8
-77.5°	68.4	66.5	64.1	61.4	56.3	50.4	43.6	35.9	29.4	24.2	18.7
-80°	45.3	44.8	43.7	41.6	36.9	31.5	27.5	23.3	19.2	15.0	10.5
-82.5°	25.1	25.3	25.3	24.5	21.6	18.6	15.4	12.2	9.0	5.7	4.6
-85°	12.0	11.7	11.1	10.0	7.9	5.7	5.0	4.3	3.9	3.5	3.1
-87.5°	3.6	3.7	3.7	3.6	3.2	2.8	2.5	2.2	2.0	1.7	1.5
-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: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-750-U-VWR-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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
82.5°	3.9	3.3	2.6	2.0	1.3	0.6	0.0
80°	5.9	4.4	3.5	2.6	1.8	0.8	0.0
77.5°	12.9	6.9	4.4	3.3	2.2	1.0	0.0
75°	19.7	11.9	5.7	3.9	2.6	1.1	0.0
72.5°	26.3	16.7	9.1	4.6	3.0	1.3	0.0
70°	32.9	21.4	12.4	5.5	3.4	1.5	0.0
67.5°	40.8	25.9	15.5	7.5	3.8	1.7	0.0
65°	48.3	30.9	18.5	9.5	4.2	1.9	0.0
62.5°	55.5	36.4	21.3	11.3	4.6	2.0	0.0
60°	62.3	41.6	24.0	13.1	4.9	2.2	0.0
57.5°	69.4	46.5	27.6	14.7	5.9	2.3	0.0
55°	76.2	51.1	31.0	16.2	6.9	2.5	0.0
52.5°	82.4	55.4	34.1	17.6	7.8	2.6	0.0
50°	88.2	60.0	37.0	18.9	8.7	2.8	0.0
47.5°	93.5	64.2	39.7	20.3	9.5	2.9	0.0
45°	99.5	68.0	42.1	22.1	10.3	3.0	0.0
42.5°	104.9	71.4	44.2	23.7	11.1	3.1	0.0
40°	109.9	74.3	46.3	25.3	11.8	3.2	0.0
37.5°	114.3	76.8	48.5	26.9	12.5	3.3	0.0
35°	118.2	79.7	50.3	28.4	13.1	3.4	0.0
32.5°	121.9	82.6	51.8	29.8	13.7	3.5	0.0
30°	125.6	85.1	53.0	31.1	14.2	3.6	0.0
27.5°	129.0	87.2	54.8	32.2	14.7	3.6	0.0
25°	132.0	88.8	56.5	33.3	15.1	3.7	0.0
22.5°	134.6	90.4	58.0	34.2	15.5	3.7	0.0
20°	136.7	92.7	59.3	34.9	15.8	3.8	0.0
17.5°	139.3	94.5	60.4	35.6	16.0	3.8	0.0
15°	142.1	95.9	61.3	36.1	16.3	3.8	0.0
12.5°	144.3	97.0	61.9	36.6	16.4	3.8	0.0
10°	146.0	97.6	62.4	36.8	16.5	3.9	0.0
7.5°	147.2	97.9	62.7	37.0	16.6	3.9	0.0
5°	147.7	97.8	62.7	37.1	16.6	3.8	0.0
2.5°	147.8	97.3	62.6	37.0	16.6	3.8	0.0
0°	147.2	96.5	62.2	36.8	16.5	3.8	0.0
-2.5°	147.8	97.3	62.6	37.0	16.6	3.8	0.0
-5°	147.7	97.8	62.7	37.1	16.6	3.8	0.0
-7.5°	147.2	97.9	62.7	37.0	16.6	3.9	0.0
-10°	146.0	97.6	62.4	36.8	16.5	3.9	0.0
-12.5°	144.3	97.0	61.9	36.6	16.4	3.8	0.0
-15°	142.1	95.9	61.3	36.1	16.3	3.8	0.0
-17.5°	139.3	94.5	60.4	35.6	16.0	3.8	0.0
-20°	136.7	92.7	59.3	34.9	15.8	3.8	0.0

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REPORT NUMBER: P626701 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	134.6	90.4	58.0	34.2	15.5	3.7	0.0
-25°	132.0	88.8	56.5	33.3	15.1	3.7	0.0
-27.5°	129.0	87.2	54.8	32.2	14.7	3.6	0.0
-30°	125.6	85.1	53.0	31.1	14.2	3.6	0.0
-32.5°	121.9	82.6	51.8	29.8	13.7	3.5	0.0
-35°	118.2	79.7	50.3	28.4	13.1	3.4	0.0
-37.5°	114.3	76.8	48.5	26.9	12.5	3.3	0.0
-40°	109.9	74.3	46.3	25.3	11.8	3.2	0.0
-42.5°	104.9	71.4	44.2	23.7	11.1	3.1	0.0
-45°	99.5	68.0	42.1	22.1	10.3	3.0	0.0
-47.5°	93.5	64.2	39.7	20.3	9.5	2.9	0.0
-50°	88.2	60.0	37.0	18.9	8.7	2.8	0.0
-52.5°	82.4	55.4	34.1	17.6	7.8	2.6	0.0
-55°	76.2	51.1	31.0	16.2	6.9	2.5	0.0
-57.5°	69.4	46.5	27.6	14.7	5.9	2.3	0.0
-60°	62.3	41.6	24.0	13.1	4.9	2.2	0.0
-62.5°	55.5	36.4	21.3	11.3	4.6	2.0	0.0
-65°	48.3	30.9	18.5	9.5	4.2	1.9	0.0
-67.5°	40.8	25.9	15.5	7.5	3.8	1.7	0.0
-70°	32.9	21.4	12.4	5.5	3.4	1.5	0.0
-72.5°	26.3	16.7	9.1	4.6	3.0	1.3	0.0
-75°	19.7	11.9	5.7	3.9	2.6	1.1	0.0
-77.5°	12.9	6.9	4.4	3.3	2.2	1.0	0.0
-80°	5.9	4.4	3.5	2.6	1.8	0.8	0.0
-82.5°	3.9	3.3	2.6	2.0	1.3	0.6	0.0
-85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)