

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: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1D-740-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-740-U-LAM-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

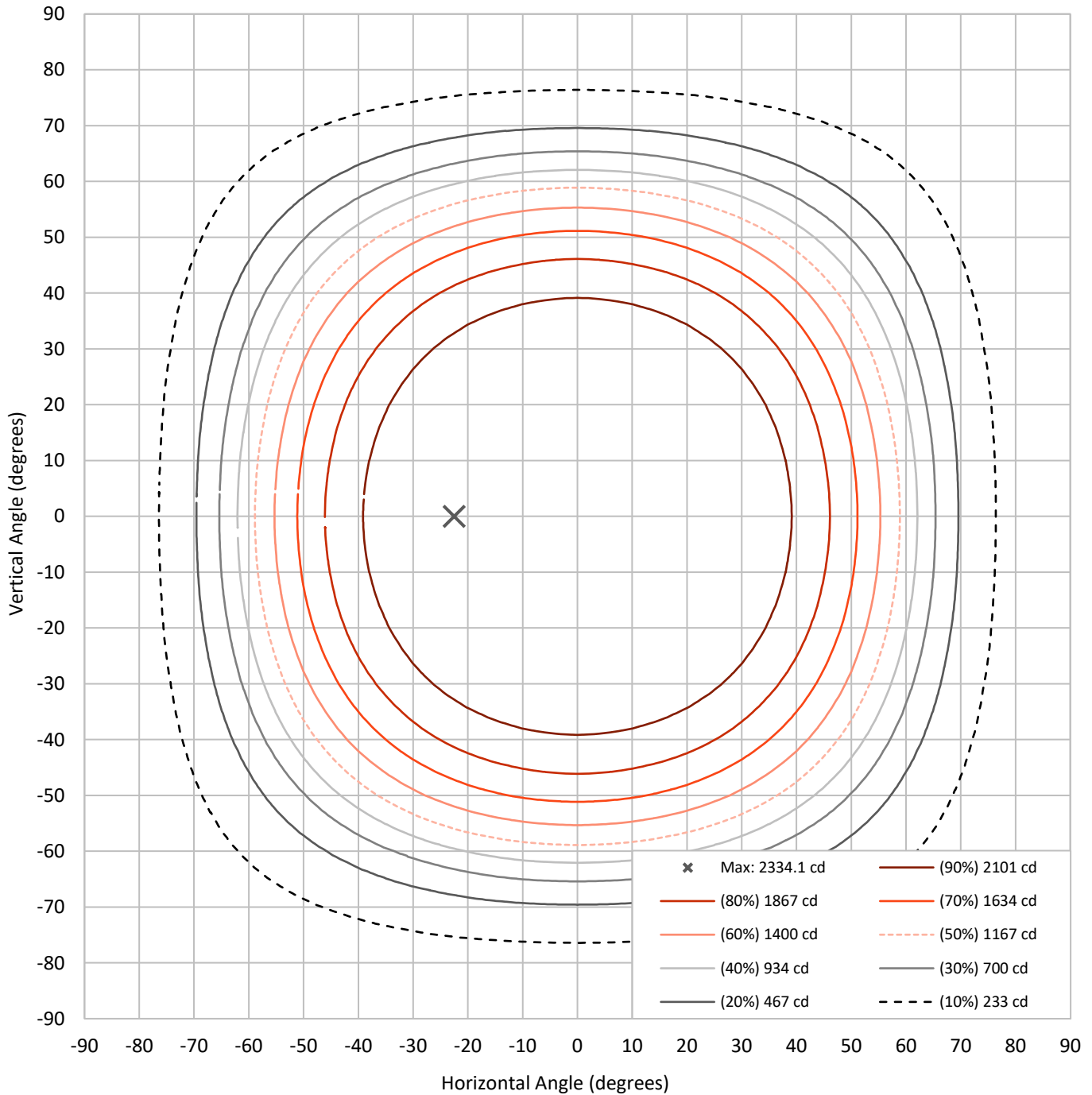
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	7140.3 lumens	Max Intensity:	2334.1 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	124.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	5942.3 lumens	Field Lumens:	6999.8 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	57.3		
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		



REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-LAM-XX

Iso-Candela Plot





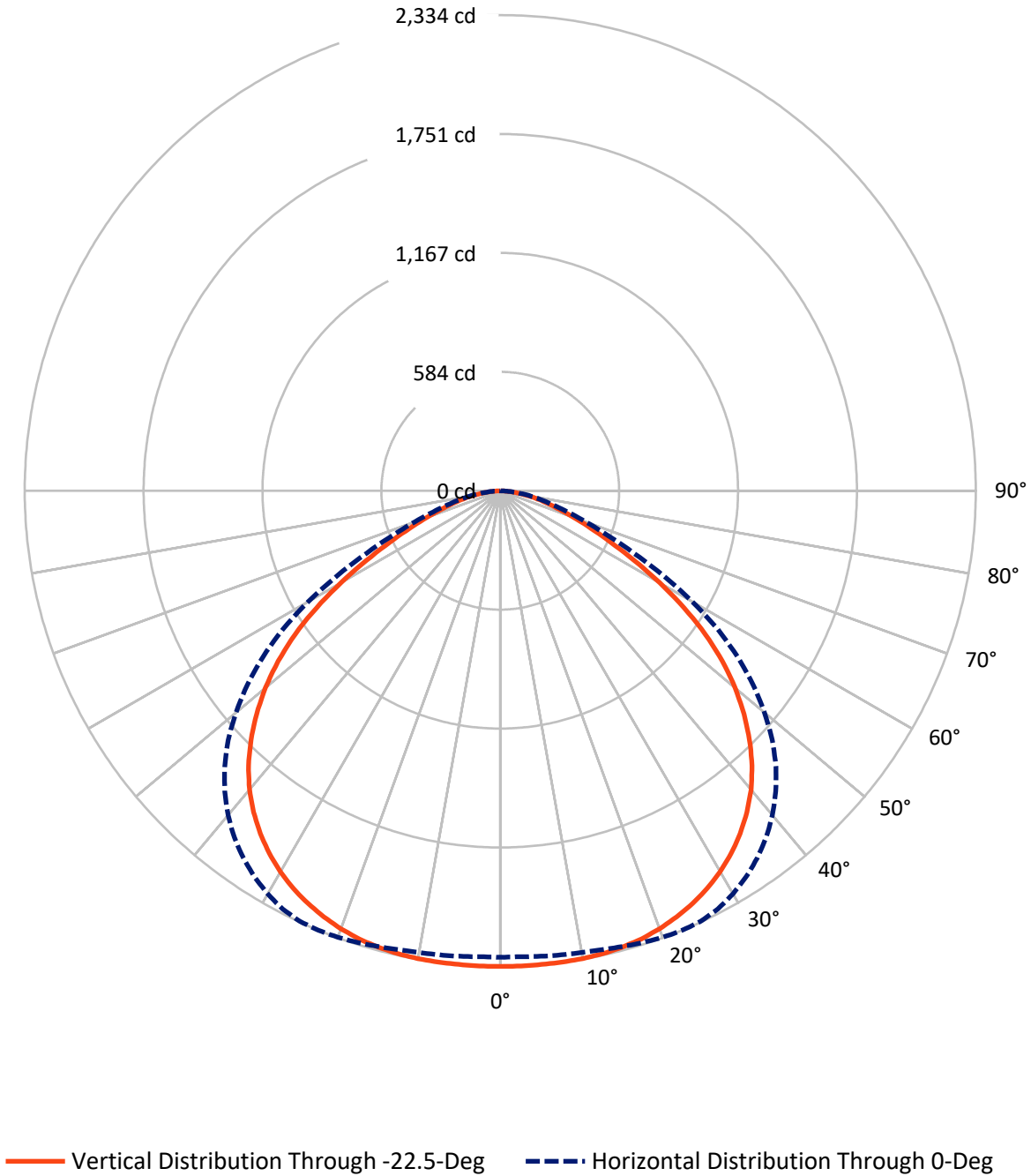
REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-LAM-XX

Lumen Table

90																			
80	0.4	3.7	10.5	17.4	20.4	17.4	10.5	3.7	0.4										
70																			
60	1.8	2.1	4.3	7.6	11.7	16.2	20.0	22.1	22.1	20.0	16.2	11.7	7.6	4.3	2.1				1.8
50																			
40	3.3	3.2	7.4	14.3	23.5	32.3	38.9	42.4	42.4	38.9	32.3	23.5	14.3	7.4	3.2				3.3
30																			
20	4.6	4.6	11.7	23.3	35.8	46.2	53.5	57.3	57.3	53.5	46.2	35.8	23.3	11.7	4.6				4.6
10																			
0	5.0	6.2	16.6	30.9	44.5	55.3	62.6	66.2	66.2	62.6	55.3	44.5	30.9	16.6	6.2				5.0
-10																			
-20	4.6	7.7	20.6	36.1	50.0	60.5	67.2	70.2	70.2	67.2	60.5	50.0	36.1	20.6	7.7				4.6
-30																			
-40	3.3	9.0	23.3	39.3	53.1	63.1	68.4	70.3	70.3	68.4	63.1	53.1	39.3	23.3	9.0				3.3
-50																			
-60	1.8	9.6	24.6	40.8	54.5	63.9	68.1	69.6	69.6	68.1	63.9	54.5	40.8	24.6	9.6				1.8
-70																			
-80	0.4	9.6	24.6	40.8	54.5	63.9	68.1	69.6	69.6	68.1	63.9	54.5	40.8	24.6	9.6				0.4
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

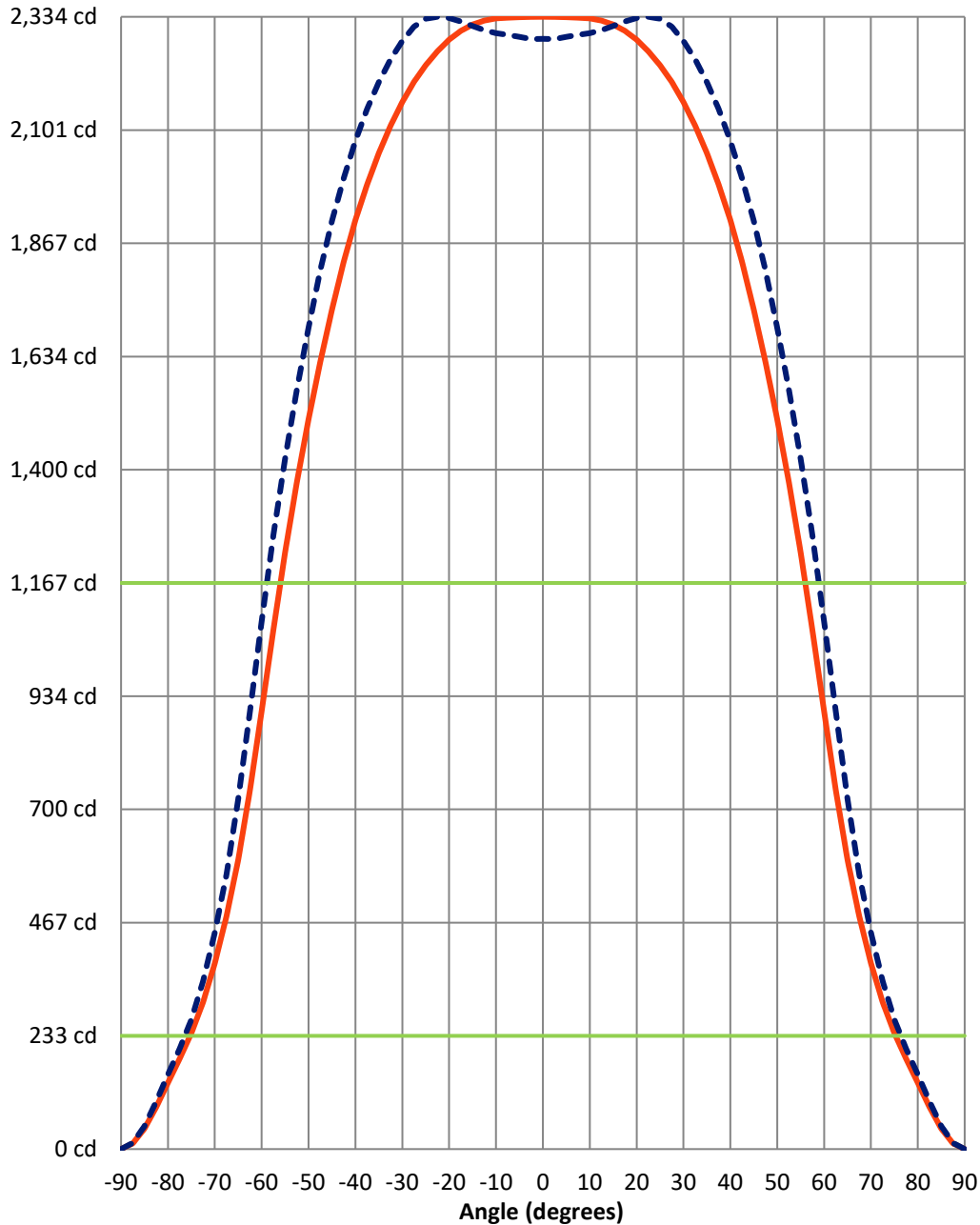
REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-LAM-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-LAM-XX

Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 5942.3
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 6999.8
 Efficiency: 98.0%

Spill:
 Lumens: 140.4
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-LAM-XX

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	1.1	1.7	2.2	2.8	3.3	3.8	4.4	4.9	5.4
85°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.7	9.8	10.8
82.5°	0.0	1.7	3.3	5.0	6.6	8.3	9.9	11.5	13.6	17.8	22.0
80°	0.0	2.2	4.4	6.6	8.8	11.0	13.9	19.6	25.4	31.0	36.5
77.5°	0.0	2.8	5.5	8.3	11.0	15.4	22.7	29.9	37.0	44.0	52.5
75°	0.0	3.3	6.6	9.9	13.9	22.7	31.4	40.1	49.1	61.3	73.4
72.5°	0.0	3.8	7.7	11.5	19.6	29.9	40.1	51.3	65.8	80.0	94.1
70°	0.0	4.4	8.7	13.6	25.4	37.0	49.1	65.8	82.3	98.6	116.1
67.5°	0.0	4.9	9.8	17.8	31.0	44.0	61.3	80.0	98.6	118.6	138.3
65°	0.0	5.4	10.8	22.0	36.5	52.5	73.4	94.1	116.1	138.3	159.8
62.5°	0.0	5.9	11.8	26.1	41.9	62.4	85.2	108.8	133.4	157.5	180.4
60°	0.0	6.4	12.8	30.0	47.2	72.0	96.8	123.6	150.3	175.6	200.5
57.5°	0.0	6.9	15.4	33.9	54.7	81.5	109.1	138.1	166.2	193.4	221.9
55°	0.0	7.3	17.9	37.7	62.0	90.6	121.2	152.2	181.6	211.2	243.7
52.5°	0.0	7.8	20.3	41.4	69.1	99.7	132.9	165.4	196.6	230.3	264.9
50°	0.0	8.2	22.7	44.9	76.0	109.2	144.3	178.1	211.7	248.8	291.3
47.5°	0.0	8.6	25.0	48.7	82.7	118.3	155.2	190.3	227.6	266.7	317.5
45°	0.0	9.0	27.1	53.5	89.1	127.1	165.3	202.1	242.9	289.3	342.7
42.5°	0.0	9.4	29.2	58.1	95.2	135.5	175.0	214.3	257.6	311.1	372.5
40°	0.0	9.8	31.2	62.4	101.3	143.6	184.3	226.6	273.1	331.9	401.9
37.5°	0.0	10.2	33.1	66.6	107.4	151.2	193.0	238.3	290.7	353.3	430.0
35°	0.0	10.5	34.9	70.5	113.2	158.2	201.4	249.3	307.3	377.1	458.6
32.5°	0.0	10.8	36.6	74.2	118.6	164.7	209.5	259.7	323.0	399.5	488.7
30°	0.0	11.1	38.2	77.7	123.7	170.8	217.8	270.1	337.7	420.6	516.9
27.5°	0.0	11.4	39.6	80.9	128.4	176.4	225.5	282.0	352.7	440.1	543.2
25°	0.0	11.6	41.0	83.8	132.7	181.6	232.6	292.9	368.6	460.5	567.7
22.5°	0.0	11.8	42.2	86.5	136.6	186.4	239.0	302.9	383.1	480.2	596.4
20°	0.0	12.0	43.3	88.9	140.2	190.6	244.9	311.9	396.2	498.0	622.2
17.5°	0.0	12.2	44.3	91.0	143.3	194.4	250.0	319.9	407.9	513.9	645.3
15°	0.0	12.4	45.1	92.9	146.0	197.7	254.5	326.8	418.0	527.7	665.4
12.5°	0.0	12.5	45.9	94.5	148.4	200.5	258.3	332.7	426.6	539.5	682.5
10°	0.0	12.6	46.4	95.8	150.3	202.8	261.5	337.6	433.7	549.1	696.5
7.5°	0.0	12.7	46.9	96.8	151.8	204.6	263.9	341.4	439.3	556.7	707.5
5°	0.0	12.8	47.2	97.5	152.8	205.9	265.7	344.1	443.2	562.1	715.4
2.5°	0.0	12.8	47.4	98.0	153.5	206.6	266.7	345.8	445.6	565.3	720.1
0°	0.0	12.8	47.5	98.1	153.7	206.9	267.1	346.3	446.4	566.4	721.7
-2.5°	0.0	12.8	47.4	98.0	153.5	206.6	266.7	345.8	445.6	565.3	720.1
-5°	0.0	12.8	47.2	97.5	152.8	205.9	265.7	344.1	443.2	562.1	715.4
-7.5°	0.0	12.7	46.9	96.8	151.8	204.6	263.9	341.4	439.3	556.7	707.5
-10°	0.0	12.6	46.4	95.8	150.3	202.8	261.5	337.6	433.7	549.1	696.5
-12.5°	0.0	12.5	45.9	94.5	148.4	200.5	258.3	332.7	426.6	539.5	682.5
-15°	0.0	12.4	45.1	92.9	146.0	197.7	254.5	326.8	418.0	527.7	665.4
-17.5°	0.0	12.2	44.3	91.0	143.3	194.4	250.0	319.9	407.9	513.9	645.3
-20°	0.0	12.0	43.3	88.9	140.2	190.6	244.9	311.9	396.2	498.0	622.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-LAM-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	42.2	86.5	136.6	186.4	239.0	302.9	383.1	480.2	596.4
-25°	0.0	11.6	41.0	83.8	132.7	181.6	232.6	292.9	368.6	460.5	567.7
-27.5°	0.0	11.4	39.6	80.9	128.4	176.4	225.5	282.0	352.7	440.1	543.2
-30°	0.0	11.1	38.2	77.7	123.7	170.8	217.8	270.1	337.7	420.6	516.9
-32.5°	0.0	10.8	36.6	74.2	118.6	164.7	209.5	259.7	323.0	399.5	488.7
-35°	0.0	10.5	34.9	70.5	113.2	158.2	201.4	249.3	307.3	377.1	458.6
-37.5°	0.0	10.2	33.1	66.6	107.4	151.2	193.0	238.3	290.7	353.3	430.0
-40°	0.0	9.8	31.2	62.4	101.3	143.6	184.3	226.6	273.1	331.9	401.9
-42.5°	0.0	9.4	29.2	58.1	95.2	135.5	175.0	214.3	257.6	311.1	372.5
-45°	0.0	9.0	27.1	53.5	89.1	127.1	165.3	202.1	242.9	289.3	342.7
-47.5°	0.0	8.6	25.0	48.7	82.7	118.3	155.2	190.3	227.6	266.7	317.5
-50°	0.0	8.2	22.7	44.9	76.0	109.2	144.3	178.1	211.7	248.8	291.3
-52.5°	0.0	7.8	20.3	41.4	69.1	99.7	132.9	165.4	196.6	230.3	264.9
-55°	0.0	7.3	17.9	37.7	62.0	90.6	121.2	152.2	181.6	211.2	243.7
-57.5°	0.0	6.9	15.4	33.9	54.7	81.5	109.1	138.1	166.2	193.4	221.9
-60°	0.0	6.4	12.8	30.0	47.2	72.0	96.8	123.6	150.3	175.6	200.5
-62.5°	0.0	5.9	11.8	26.1	41.9	62.4	85.2	108.8	133.4	157.5	180.4
-65°	0.0	5.4	10.8	22.0	36.5	52.5	73.4	94.1	116.1	138.3	159.8
-67.5°	0.0	4.9	9.8	17.8	31.0	44.0	61.3	80.0	98.6	118.6	138.3
-70°	0.0	4.4	8.7	13.6	25.4	37.0	49.1	65.8	82.3	98.6	116.1
-72.5°	0.0	3.8	7.7	11.5	19.6	29.9	40.1	51.3	65.8	80.0	94.1
-75°	0.0	3.3	6.6	9.9	13.9	22.7	31.4	40.1	49.1	61.3	73.4
-77.5°	0.0	2.8	5.5	8.3	11.0	15.4	22.7	29.9	37.0	44.0	52.5
-80°	0.0	2.2	4.4	6.6	8.8	11.0	13.9	19.6	25.4	31.0	36.5
-82.5°	0.0	1.7	3.3	5.0	6.6	8.3	9.9	11.5	13.6	17.8	22.0
-85°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.7	9.8	10.8
-87.5°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.8	4.4	4.9	5.4
-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: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-LAM-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°	5.9	6.4	6.9	7.3	7.8	8.2	8.6	9.0	9.4	9.8	10.2
85°	11.8	12.8	15.4	17.9	20.3	22.7	25.0	27.1	29.2	31.2	33.1
82.5°	26.1	30.0	33.9	37.7	41.4	44.9	48.7	53.5	58.1	62.4	66.6
80°	41.9	47.2	54.7	62.0	69.1	76.0	82.7	89.1	95.2	101.3	107.4
77.5°	62.4	72.0	81.5	90.6	99.7	109.2	118.3	127.1	135.5	143.6	151.2
75°	85.2	96.8	109.1	121.2	132.9	144.3	155.2	165.3	175.0	184.3	193.0
72.5°	108.8	123.6	138.1	152.2	165.4	178.1	190.3	202.1	214.3	226.6	238.3
70°	133.4	150.3	166.2	181.6	196.6	211.7	227.6	242.9	257.6	273.1	290.7
67.5°	157.5	175.6	193.4	211.2	230.3	248.8	266.7	289.3	311.1	331.9	353.3
65°	180.4	200.5	221.9	243.7	264.9	291.3	317.5	342.7	372.5	401.9	430.0
62.5°	202.9	227.3	251.8	278.4	309.1	338.9	373.4	408.6	442.5	480.7	517.9
60°	227.3	254.5	285.6	319.9	355.1	396.2	436.1	480.2	524.7	567.7	620.5
57.5°	251.8	285.6	323.5	364.3	410.0	456.2	508.0	558.2	618.4	678.5	738.4
55°	278.4	319.9	364.3	414.7	467.4	524.9	585.0	655.1	722.9	798.5	870.8
52.5°	309.1	355.1	410.0	467.4	530.5	599.7	677.3	757.5	842.0	924.1	1004.5
50°	338.9	396.2	456.2	524.9	599.7	684.7	774.9	868.4	960.6	1050.6	1134.9
47.5°	373.4	436.1	508.0	585.0	677.3	774.9	877.2	979.1	1078.5	1170.8	1259.2
45°	408.6	480.2	558.2	655.1	757.5	868.4	979.1	1087.9	1189.0	1284.3	1367.8
42.5°	442.5	524.7	618.4	722.9	842.0	960.6	1078.5	1189.0	1292.5	1384.4	1468.3
40°	480.7	567.7	678.5	798.5	924.1	1050.6	1170.8	1284.3	1384.4	1475.9	1560.7
37.5°	517.9	620.5	738.4	870.8	1004.5	1134.9	1259.2	1367.8	1468.3	1560.7	1642.2
35°	553.2	670.7	801.9	941.0	1081.4	1213.9	1334.9	1445.5	1545.2	1635.0	1718.2
32.5°	592.4	718.1	862.1	1008.4	1151.3	1286.3	1406.3	1514.4	1613.5	1704.7	1787.4
30°	632.9	769.2	919.1	1071.8	1217.0	1349.1	1468.9	1578.3	1676.7	1766.8	1847.8
27.5°	670.7	817.5	973.6	1129.3	1277.1	1408.0	1526.1	1633.9	1732.8	1823.5	1902.1
25°	705.5	862.1	1024.0	1181.8	1327.6	1458.8	1578.0	1685.7	1784.1	1871.2	1947.5
22.5°	739.9	902.9	1070.2	1230.0	1374.1	1504.2	1622.4	1730.4	1828.8	1915.1	1988.3
20°	773.3	941.0	1111.0	1272.8	1416.3	1545.5	1662.8	1770.6	1866.4	1949.9	2022.8
17.5°	803.0	974.9	1146.6	1307.4	1450.9	1580.8	1698.5	1806.7	1900.2	1981.3	2052.6
15°	829.0	1004.5	1177.8	1337.6	1480.7	1610.1	1727.8	1834.8	1927.7	2008.1	2078.9
12.5°	851.2	1029.8	1204.4	1363.5	1506.2	1635.1	1752.9	1858.4	1949.8	2029.1	2098.4
10°	869.4	1050.6	1226.3	1384.8	1527.2	1655.8	1773.7	1878.0	1968.0	2046.6	2114.6
7.5°	883.6	1066.9	1243.4	1401.4	1543.6	1672.1	1790.0	1893.3	1982.4	2060.4	2127.4
5°	893.8	1078.5	1255.7	1413.4	1555.4	1683.7	1801.7	1904.4	1992.8	2070.3	2136.6
2.5°	900.0	1085.6	1263.1	1420.6	1562.5	1690.8	1808.7	1911.1	1999.0	2076.3	2142.2
0°	902.0	1087.9	1265.6	1423.0	1564.9	1693.1	1811.1	1913.3	2001.1	2078.3	2144.1
-2.5°	900.0	1085.6	1263.1	1420.6	1562.5	1690.8	1808.7	1911.1	1999.0	2076.3	2142.2
-5°	893.8	1078.5	1255.7	1413.4	1555.4	1683.7	1801.7	1904.4	1992.8	2070.3	2136.6
-7.5°	883.6	1066.9	1243.4	1401.4	1543.6	1672.1	1790.0	1893.3	1982.4	2060.4	2127.4
-10°	869.4	1050.6	1226.3	1384.8	1527.2	1655.8	1773.7	1878.0	1968.0	2046.6	2114.6
-12.5°	851.2	1029.8	1204.4	1363.5	1506.2	1635.1	1752.9	1858.4	1949.8	2029.1	2098.4
-15°	829.0	1004.5	1177.8	1337.6	1480.7	1610.1	1727.8	1834.8	1927.7	2008.1	2078.9
-17.5°	803.0	974.9	1146.6	1307.4	1450.9	1580.8	1698.5	1806.7	1900.2	1981.3	2052.6
-20°	773.3	941.0	1111.0	1272.8	1416.3	1545.5	1662.8	1770.6	1866.4	1949.9	2022.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	739.9	902.9	1070.2	1230.0	1374.1	1504.2	1622.4	1730.4	1828.8	1915.1	1988.3
-25°	705.5	862.1	1024.0	1181.8	1327.6	1458.8	1578.0	1685.7	1784.1	1871.2	1947.5
-27.5°	670.7	817.5	973.6	1129.3	1277.1	1408.0	1526.1	1633.9	1732.8	1823.5	1902.1
-30°	632.9	769.2	919.1	1071.8	1217.0	1349.1	1468.9	1578.3	1676.7	1766.8	1847.8
-32.5°	592.4	718.1	862.1	1008.4	1151.3	1286.3	1406.3	1514.4	1613.5	1704.7	1787.4
-35°	553.2	670.7	801.9	941.0	1081.4	1213.9	1334.9	1445.5	1545.2	1635.0	1718.2
-37.5°	517.9	620.5	738.4	870.8	1004.5	1134.9	1259.2	1367.8	1468.3	1560.7	1642.2
-40°	480.7	567.7	678.5	798.5	924.1	1050.6	1170.8	1284.3	1384.4	1475.9	1560.7
-42.5°	442.5	524.7	618.4	722.9	842.0	960.6	1078.5	1189.0	1292.5	1384.4	1468.3
-45°	408.6	480.2	558.2	655.1	757.5	868.4	979.1	1087.9	1189.0	1284.3	1367.8
-47.5°	373.4	436.1	508.0	585.0	677.3	774.9	877.2	979.1	1078.5	1170.8	1259.2
-50°	338.9	396.2	456.2	524.9	599.7	684.7	774.9	868.4	960.6	1050.6	1134.9
-52.5°	309.1	355.1	410.0	467.4	530.5	599.7	677.3	757.5	842.0	924.1	1004.5
-55°	278.4	319.9	364.3	414.7	467.4	524.9	585.0	655.1	722.9	798.5	870.8
-57.5°	251.8	285.6	323.5	364.3	410.0	456.2	508.0	558.2	618.4	678.5	738.4
-60°	227.3	254.5	285.6	319.9	355.1	396.2	436.1	480.2	524.7	567.7	620.5
-62.5°	202.9	227.3	251.8	278.4	309.1	338.9	373.4	408.6	442.5	480.7	517.9
-65°	180.4	200.5	221.9	243.7	264.9	291.3	317.5	342.7	372.5	401.9	430.0
-67.5°	157.5	175.6	193.4	211.2	230.3	248.8	266.7	289.3	311.1	331.9	353.3
-70°	133.4	150.3	166.2	181.6	196.6	211.7	227.6	242.9	257.6	273.1	290.7
-72.5°	108.8	123.6	138.1	152.2	165.4	178.1	190.3	202.1	214.3	226.6	238.3
-75°	85.2	96.8	109.1	121.2	132.9	144.3	155.2	165.3	175.0	184.3	193.0
-77.5°	62.4	72.0	81.5	90.6	99.7	109.2	118.3	127.1	135.5	143.6	151.2
-80°	41.9	47.2	54.7	62.0	69.1	76.0	82.7	89.1	95.2	101.3	107.4
-82.5°	26.1	30.0	33.9	37.7	41.4	44.9	48.7	53.5	58.1	62.4	66.6
-85°	11.8	12.8	15.4	17.9	20.3	22.7	25.0	27.1	29.2	31.2	33.1
-87.5°	5.9	6.4	6.9	7.3	7.8	8.2	8.6	9.0	9.4	9.8	10.2
-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: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-LAM-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°	10.5	10.8	11.1	11.4	11.6	11.8	12.0	12.2	12.4	12.5	12.6
85°	34.9	36.6	38.2	39.6	41.0	42.2	43.3	44.3	45.1	45.9	46.4
82.5°	70.5	74.2	77.7	80.9	83.8	86.5	88.9	91.0	92.9	94.5	95.8
80°	113.2	118.6	123.7	128.4	132.7	136.6	140.2	143.3	146.0	148.4	150.3
77.5°	158.2	164.7	170.8	176.4	181.6	186.4	190.6	194.4	197.7	200.5	202.8
75°	201.4	209.5	217.8	225.5	232.6	239.0	244.9	250.0	254.5	258.3	261.5
72.5°	249.3	259.7	270.1	282.0	292.9	302.9	311.9	319.9	326.8	332.7	337.6
70°	307.3	323.0	337.7	352.7	368.6	383.1	396.2	407.9	418.0	426.6	433.7
67.5°	377.1	399.5	420.6	440.1	460.5	480.2	498.0	513.9	527.7	539.5	549.1
65°	458.6	488.7	516.9	543.2	567.7	596.4	622.2	645.3	665.4	682.5	696.5
62.5°	553.2	592.4	632.9	670.7	705.5	739.9	773.3	803.0	829.0	851.2	869.4
60°	670.7	718.1	769.2	817.5	862.1	902.9	941.0	974.9	1004.5	1029.8	1050.6
57.5°	801.9	862.1	919.1	973.6	1024.0	1070.2	1111.0	1146.6	1177.8	1204.4	1226.3
55°	941.0	1008.4	1071.8	1129.3	1181.8	1230.0	1272.8	1307.4	1337.6	1363.5	1384.8
52.5°	1081.4	1151.3	1217.0	1277.1	1327.6	1374.1	1416.3	1450.9	1480.7	1506.2	1527.2
50°	1213.9	1286.3	1349.1	1408.0	1458.8	1504.2	1545.5	1580.8	1610.1	1635.1	1655.8
47.5°	1334.9	1406.3	1468.9	1526.1	1578.0	1622.4	1662.8	1698.5	1727.8	1752.9	1773.7
45°	1445.5	1514.4	1578.3	1633.9	1685.7	1730.4	1770.6	1806.7	1834.8	1858.4	1878.0
42.5°	1545.2	1613.5	1676.7	1732.8	1784.1	1828.8	1866.4	1900.2	1927.7	1949.8	1968.0
40°	1635.0	1704.7	1766.8	1823.5	1871.2	1915.1	1949.9	1981.3	2008.1	2029.1	2046.6
37.5°	1718.2	1787.4	1847.8	1902.1	1947.5	1988.3	2022.8	2052.6	2078.9	2098.4	2114.6
35°	1794.3	1860.1	1919.9	1969.6	2014.6	2053.1	2087.0	2114.5	2138.9	2157.5	2172.3
32.5°	1860.1	1925.3	1980.7	2029.7	2073.7	2109.5	2142.1	2167.2	2189.4	2207.3	2221.1
30°	1919.9	1980.7	2034.8	2083.3	2123.3	2158.2	2187.6	2212.2	2232.7	2249.7	2261.8
27.5°	1969.6	2029.7	2083.3	2127.9	2166.3	2199.9	2226.8	2250.5	2268.3	2284.0	2294.4
25°	2014.6	2073.7	2123.3	2166.3	2203.5	2234.2	2259.8	2281.2	2297.1	2310.5	2318.3
22.5°	2053.1	2109.5	2158.2	2199.9	2234.2	2262.9	2287.0	2305.1	2318.1	2326.3	2330.9
20°	2087.0	2142.1	2187.6	2226.8	2259.8	2287.0	2307.9	2321.3	2330.4	2332.6	2333.9
17.5°	2114.5	2167.2	2212.2	2250.5	2281.2	2305.1	2321.3	2330.8	2333.5	2333.0	2331.7
15°	2138.9	2189.4	2232.7	2268.3	2297.1	2318.1	2330.4	2333.5	2332.7	2330.0	2325.7
12.5°	2157.5	2207.3	2249.7	2284.0	2310.5	2326.3	2332.6	2333.0	2330.0	2324.7	2318.7
10°	2172.3	2221.1	2261.8	2294.4	2318.3	2330.9	2333.9	2331.7	2325.7	2318.7	2312.1
7.5°	2184.0	2232.0	2271.4	2302.7	2323.3	2332.3	2332.9	2328.7	2321.6	2313.6	2306.5
5°	2192.5	2239.9	2278.4	2308.8	2327.1	2333.3	2332.2	2326.4	2318.1	2309.9	2303.3
2.5°	2197.6	2244.7	2282.7	2312.5	2329.3	2333.9	2331.7	2324.9	2315.9	2307.4	2301.2
0°	2199.3	2246.3	2284.1	2313.7	2330.1	2334.1	2331.6	2324.4	2315.2	2306.6	2300.4
-2.5°	2197.6	2244.7	2282.7	2312.5	2329.3	2333.9	2331.7	2324.9	2315.9	2307.4	2301.2
-5°	2192.5	2239.9	2278.4	2308.8	2327.1	2333.3	2332.2	2326.4	2318.1	2309.9	2303.3
-7.5°	2184.0	2232.0	2271.4	2302.7	2323.3	2332.3	2332.9	2328.7	2321.6	2313.6	2306.5
-10°	2172.3	2221.1	2261.8	2294.4	2318.3	2330.9	2333.9	2331.7	2325.7	2318.7	2312.1
-12.5°	2157.5	2207.3	2249.7	2284.0	2310.5	2326.3	2332.6	2333.0	2330.0	2324.7	2318.7
-15°	2138.9	2189.4	2232.7	2268.3	2297.1	2318.1	2330.4	2333.5	2332.7	2330.0	2325.7
-17.5°	2114.5	2167.2	2212.2	2250.5	2281.2	2305.1	2321.3	2330.8	2333.5	2333.0	2331.7
-20°	2087.0	2142.1	2187.6	2226.8	2259.8	2287.0	2307.9	2321.3	2330.4	2332.6	2333.9



REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2053.1	2109.5	2158.2	2199.9	2234.2	2262.9	2287.0	2305.1	2318.1	2326.3	2330.9
-25°	2014.6	2073.7	2123.3	2166.3	2203.5	2234.2	2259.8	2281.2	2297.1	2310.5	2318.3
-27.5°	1969.6	2029.7	2083.3	2127.9	2166.3	2199.9	2226.8	2250.5	2268.3	2284.0	2294.4
-30°	1919.9	1980.7	2034.8	2083.3	2123.3	2158.2	2187.6	2212.2	2232.7	2249.7	2261.8
-32.5°	1860.1	1925.3	1980.7	2029.7	2073.7	2109.5	2142.1	2167.2	2189.4	2207.3	2221.1
-35°	1794.3	1860.1	1919.9	1969.6	2014.6	2053.1	2087.0	2114.5	2138.9	2157.5	2172.3
-37.5°	1718.2	1787.4	1847.8	1902.1	1947.5	1988.3	2022.8	2052.6	2078.9	2098.4	2114.6
-40°	1635.0	1704.7	1766.8	1823.5	1871.2	1915.1	1949.9	1981.3	2008.1	2029.1	2046.6
-42.5°	1545.2	1613.5	1676.7	1732.8	1784.1	1828.8	1866.4	1900.2	1927.7	1949.8	1968.0
-45°	1445.5	1514.4	1578.3	1633.9	1685.7	1730.4	1770.6	1806.7	1834.8	1858.4	1878.0
-47.5°	1334.9	1406.3	1468.9	1526.1	1578.0	1622.4	1662.8	1698.5	1727.8	1752.9	1773.7
-50°	1213.9	1286.3	1349.1	1408.0	1458.8	1504.2	1545.5	1580.8	1610.1	1635.1	1655.8
-52.5°	1081.4	1151.3	1217.0	1277.1	1327.6	1374.1	1416.3	1450.9	1480.7	1506.2	1527.2
-55°	941.0	1008.4	1071.8	1129.3	1181.8	1230.0	1272.8	1307.4	1337.6	1363.5	1384.8
-57.5°	801.9	862.1	919.1	973.6	1024.0	1070.2	1111.0	1146.6	1177.8	1204.4	1226.3
-60°	670.7	718.1	769.2	817.5	862.1	902.9	941.0	974.9	1004.5	1029.8	1050.6
-62.5°	553.2	592.4	632.9	670.7	705.5	739.9	773.3	803.0	829.0	851.2	869.4
-65°	458.6	488.7	516.9	543.2	567.7	596.4	622.2	645.3	665.4	682.5	696.5
-67.5°	377.1	399.5	420.6	440.1	460.5	480.2	498.0	513.9	527.7	539.5	549.1
-70°	307.3	323.0	337.7	352.7	368.6	383.1	396.2	407.9	418.0	426.6	433.7
-72.5°	249.3	259.7	270.1	282.0	292.9	302.9	311.9	319.9	326.8	332.7	337.6
-75°	201.4	209.5	217.8	225.5	232.6	239.0	244.9	250.0	254.5	258.3	261.5
-77.5°	158.2	164.7	170.8	176.4	181.6	186.4	190.6	194.4	197.7	200.5	202.8
-80°	113.2	118.6	123.7	128.4	132.7	136.6	140.2	143.3	146.0	148.4	150.3
-82.5°	70.5	74.2	77.7	80.9	83.8	86.5	88.9	91.0	92.9	94.5	95.8
-85°	34.9	36.6	38.2	39.6	41.0	42.2	43.3	44.3	45.1	45.9	46.4
-87.5°	10.5	10.8	11.1	11.4	11.6	11.8	12.0	12.2	12.4	12.5	12.6
-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: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-LAM-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°	12.7	12.8	12.8	12.8	12.8	12.8	12.7	12.6	12.5	12.4	12.2
85°	46.9	47.2	47.4	47.5	47.4	47.2	46.9	46.4	45.9	45.1	44.3
82.5°	96.8	97.5	98.0	98.1	98.0	97.5	96.8	95.8	94.5	92.9	91.0
80°	151.8	152.8	153.5	153.7	153.5	152.8	151.8	150.3	148.4	146.0	143.3
77.5°	204.6	205.9	206.6	206.9	206.6	205.9	204.6	202.8	200.5	197.7	194.4
75°	263.9	265.7	266.7	267.1	266.7	265.7	263.9	261.5	258.3	254.5	250.0
72.5°	341.4	344.1	345.8	346.3	345.8	344.1	341.4	337.6	332.7	326.8	319.9
70°	439.3	443.2	445.6	446.4	445.6	443.2	439.3	433.7	426.6	418.0	407.9
67.5°	556.7	562.1	565.3	566.4	565.3	562.1	556.7	549.1	539.5	527.7	513.9
65°	707.5	715.4	720.1	721.7	720.1	715.4	707.5	696.5	682.5	665.4	645.3
62.5°	883.6	893.8	900.0	902.0	900.0	893.8	883.6	869.4	851.2	829.0	803.0
60°	1066.9	1078.5	1085.6	1087.9	1085.6	1078.5	1066.9	1050.6	1029.8	1004.5	974.9
57.5°	1243.4	1255.7	1263.1	1265.6	1263.1	1255.7	1243.4	1226.3	1204.4	1177.8	1146.6
55°	1401.4	1413.4	1420.6	1423.0	1420.6	1413.4	1401.4	1384.8	1363.5	1337.6	1307.4
52.5°	1543.6	1555.4	1562.5	1564.9	1562.5	1555.4	1543.6	1527.2	1506.2	1480.7	1450.9
50°	1672.1	1683.7	1690.8	1693.1	1690.8	1683.7	1672.1	1655.8	1635.1	1610.1	1580.8
47.5°	1790.0	1801.7	1808.7	1811.1	1808.7	1801.7	1790.0	1773.7	1752.9	1727.8	1698.5
45°	1893.3	1904.4	1911.1	1913.3	1911.1	1904.4	1893.3	1878.0	1858.4	1834.8	1806.7
42.5°	1982.4	1992.8	1999.0	2001.1	1999.0	1992.8	1982.4	1968.0	1949.8	1927.7	1900.2
40°	2060.4	2070.3	2076.3	2078.3	2076.3	2070.3	2060.4	2046.6	2029.1	2008.1	1981.3
37.5°	2127.4	2136.6	2142.2	2144.1	2142.2	2136.6	2127.4	2114.6	2098.4	2078.9	2052.6
35°	2184.0	2192.5	2197.6	2199.3	2197.6	2192.5	2184.0	2172.3	2157.5	2138.9	2114.5
32.5°	2232.0	2239.9	2244.7	2246.3	2244.7	2239.9	2232.0	2221.1	2207.3	2189.4	2167.2
30°	2271.4	2278.4	2282.7	2284.1	2282.7	2278.4	2271.4	2261.8	2249.7	2232.7	2212.2
27.5°	2302.7	2308.8	2312.5	2313.7	2312.5	2308.8	2302.7	2294.4	2284.0	2268.3	2250.5
25°	2323.3	2327.1	2329.3	2330.1	2329.3	2327.1	2323.3	2318.3	2310.5	2297.1	2281.2
22.5°	2332.3	2333.3	2333.9	2334.1	2333.9	2333.3	2332.3	2330.9	2326.3	2318.1	2305.1
20°	2332.9	2332.2	2331.7	2331.6	2331.7	2332.2	2332.9	2333.9	2332.6	2330.4	2321.3
17.5°	2328.7	2326.4	2324.9	2324.4	2324.9	2326.4	2328.7	2331.7	2333.0	2333.5	2330.8
15°	2321.6	2318.1	2315.9	2315.2	2315.9	2318.1	2321.6	2325.7	2330.0	2332.7	2333.5
12.5°	2313.6	2309.9	2307.4	2306.6	2307.4	2309.9	2313.6	2318.7	2324.7	2330.0	2333.0
10°	2306.5	2303.3	2301.2	2300.4	2301.2	2303.3	2306.5	2312.1	2318.7	2325.7	2331.7
7.5°	2301.9	2299.0	2297.5	2296.9	2297.5	2299.0	2301.9	2306.5	2313.6	2321.6	2328.7
5°	2299.0	2296.2	2293.8	2292.8	2293.8	2296.2	2299.0	2303.3	2309.9	2318.1	2326.4
2.5°	2297.5	2293.8	2290.1	2288.2	2290.1	2293.8	2297.5	2301.2	2307.4	2315.9	2324.9
0°	2296.9	2292.8	2288.2	2288.7	2288.2	2292.8	2296.9	2300.4	2306.6	2315.2	2324.4
-2.5°	2297.5	2293.8	2290.1	2288.2	2290.1	2293.8	2297.5	2301.2	2307.4	2315.9	2324.9
-5°	2299.0	2296.2	2293.8	2292.8	2293.8	2296.2	2299.0	2303.3	2309.9	2318.1	2326.4
-7.5°	2301.9	2299.0	2297.5	2296.9	2297.5	2299.0	2301.9	2306.5	2313.6	2321.6	2328.7
-10°	2306.5	2303.3	2301.2	2300.4	2301.2	2303.3	2306.5	2312.1	2318.7	2325.7	2331.7
-12.5°	2313.6	2309.9	2307.4	2306.6	2307.4	2309.9	2313.6	2318.7	2324.7	2330.0	2333.0
-15°	2321.6	2318.1	2315.9	2315.2	2315.9	2318.1	2321.6	2325.7	2330.0	2332.7	2333.5
-17.5°	2328.7	2326.4	2324.9	2324.4	2324.9	2326.4	2328.7	2331.7	2333.0	2333.5	2330.8
-20°	2332.9	2332.2	2331.7	2331.6	2331.7	2332.2	2332.9	2333.9	2332.6	2330.4	2321.3

Classified

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

Scaled Data Report



REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2332.3	2333.3	2333.9	2334.1	2333.9	2333.3	2332.3	2330.9	2326.3	2318.1	2305.1
-25°	2323.3	2327.1	2329.3	2330.1	2329.3	2327.1	2323.3	2318.3	2310.5	2297.1	2281.2
-27.5°	2302.7	2308.8	2312.5	2313.7	2312.5	2308.8	2302.7	2294.4	2284.0	2268.3	2250.5
-30°	2271.4	2278.4	2282.7	2284.1	2282.7	2278.4	2271.4	2261.8	2249.7	2232.7	2212.2
-32.5°	2232.0	2239.9	2244.7	2246.3	2244.7	2239.9	2232.0	2221.1	2207.3	2189.4	2167.2
-35°	2184.0	2192.5	2197.6	2199.3	2197.6	2192.5	2184.0	2172.3	2157.5	2138.9	2114.5
-37.5°	2127.4	2136.6	2142.2	2144.1	2142.2	2136.6	2127.4	2114.6	2098.4	2078.9	2052.6
-40°	2060.4	2070.3	2076.3	2078.3	2076.3	2070.3	2060.4	2046.6	2029.1	2008.1	1981.3
-42.5°	1982.4	1992.8	1999.0	2001.1	1999.0	1992.8	1982.4	1968.0	1949.8	1927.7	1900.2
-45°	1893.3	1904.4	1911.1	1913.3	1911.1	1904.4	1893.3	1878.0	1858.4	1834.8	1806.7
-47.5°	1790.0	1801.7	1808.7	1811.1	1808.7	1801.7	1790.0	1773.7	1752.9	1727.8	1698.5
-50°	1672.1	1683.7	1690.8	1693.1	1690.8	1683.7	1672.1	1655.8	1635.1	1610.1	1580.8
-52.5°	1543.6	1555.4	1562.5	1564.9	1562.5	1555.4	1543.6	1527.2	1506.2	1480.7	1450.9
-55°	1401.4	1413.4	1420.6	1423.0	1420.6	1413.4	1401.4	1384.8	1363.5	1337.6	1307.4
-57.5°	1243.4	1255.7	1263.1	1265.6	1263.1	1255.7	1243.4	1226.3	1204.4	1177.8	1146.6
-60°	1066.9	1078.5	1085.6	1087.9	1085.6	1078.5	1066.9	1050.6	1029.8	1004.5	974.9
-62.5°	883.6	893.8	900.0	902.0	900.0	893.8	883.6	869.4	851.2	829.0	803.0
-65°	707.5	715.4	720.1	721.7	720.1	715.4	707.5	696.5	682.5	665.4	645.3
-67.5°	556.7	562.1	565.3	566.4	565.3	562.1	556.7	549.1	539.5	527.7	513.9
-70°	439.3	443.2	445.6	446.4	445.6	443.2	439.3	433.7	426.6	418.0	407.9
-72.5°	341.4	344.1	345.8	346.3	345.8	344.1	341.4	337.6	332.7	326.8	319.9
-75°	263.9	265.7	266.7	267.1	266.7	265.7	263.9	261.5	258.3	254.5	250.0
-77.5°	204.6	205.9	206.6	206.9	206.6	205.9	204.6	202.8	200.5	197.7	194.4
-80°	151.8	152.8	153.5	153.7	153.5	152.8	151.8	150.3	148.4	146.0	143.3
-82.5°	96.8	97.5	98.0	98.1	98.0	97.5	96.8	95.8	94.5	92.9	91.0
-85°	46.9	47.2	47.4	47.5	47.4	47.2	46.9	46.4	45.9	45.1	44.3
-87.5°	12.7	12.8	12.8	12.8	12.8	12.8	12.7	12.6	12.5	12.4	12.2
-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: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-LAM-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°	12.0	11.8	11.6	11.4	11.1	10.8	10.5	10.2	9.8	9.4	9.0
85°	43.3	42.2	41.0	39.6	38.2	36.6	34.9	33.1	31.2	29.2	27.1
82.5°	88.9	86.5	83.8	80.9	77.7	74.2	70.5	66.6	62.4	58.1	53.5
80°	140.2	136.6	132.7	128.4	123.7	118.6	113.2	107.4	101.3	95.2	89.1
77.5°	190.6	186.4	181.6	176.4	170.8	164.7	158.2	151.2	143.6	135.5	127.1
75°	244.9	239.0	232.6	225.5	217.8	209.5	201.4	193.0	184.3	175.0	165.3
72.5°	311.9	302.9	292.9	282.0	270.1	259.7	249.3	238.3	226.6	214.3	202.1
70°	396.2	383.1	368.6	352.7	337.7	323.0	307.3	290.7	273.1	257.6	242.9
67.5°	498.0	480.2	460.5	440.1	420.6	399.5	377.1	353.3	331.9	311.1	289.3
65°	622.2	596.4	567.7	543.2	516.9	488.7	458.6	430.0	401.9	372.5	342.7
62.5°	773.3	739.9	705.5	670.7	632.9	592.4	553.2	517.9	480.7	442.5	408.6
60°	941.0	902.9	862.1	817.5	769.2	718.1	670.7	620.5	567.7	524.7	480.2
57.5°	1111.0	1070.2	1024.0	973.6	919.1	862.1	801.9	738.4	678.5	618.4	558.2
55°	1272.8	1230.0	1181.8	1129.3	1071.8	1008.4	941.0	870.8	798.5	722.9	655.1
52.5°	1416.3	1374.1	1327.6	1277.1	1217.0	1151.3	1081.4	1004.5	924.1	842.0	757.5
50°	1545.5	1504.2	1458.8	1408.0	1349.1	1286.3	1213.9	1134.9	1050.6	960.6	868.4
47.5°	1662.8	1622.4	1578.0	1526.1	1468.9	1406.3	1334.9	1259.2	1170.8	1078.5	979.1
45°	1770.6	1730.4	1685.7	1633.9	1578.3	1514.4	1445.5	1367.8	1284.3	1189.0	1087.9
42.5°	1866.4	1828.8	1784.1	1732.8	1676.7	1613.5	1545.2	1468.3	1384.4	1292.5	1189.0
40°	1949.9	1915.1	1871.2	1823.5	1766.8	1704.7	1635.0	1560.7	1475.9	1384.4	1284.3
37.5°	2022.8	1988.3	1947.5	1902.1	1847.8	1787.4	1718.2	1642.2	1560.7	1468.3	1367.8
35°	2087.0	2053.1	2014.6	1969.6	1919.9	1860.1	1794.3	1718.2	1635.0	1545.2	1445.5
32.5°	2142.1	2109.5	2073.7	2029.7	1980.7	1925.3	1860.1	1787.4	1704.7	1613.5	1514.4
30°	2187.6	2158.2	2123.3	2083.3	2034.8	1980.7	1919.9	1847.8	1766.8	1676.7	1578.3
27.5°	2226.8	2199.9	2166.3	2127.9	2083.3	2029.7	1969.6	1902.1	1823.5	1732.8	1633.9
25°	2259.8	2234.2	2203.5	2166.3	2123.3	2073.7	2014.6	1947.5	1871.2	1784.1	1685.7
22.5°	2287.0	2262.9	2234.2	2199.9	2158.2	2109.5	2053.1	1988.3	1915.1	1828.8	1730.4
20°	2307.9	2287.0	2259.8	2226.8	2187.6	2142.1	2087.0	2022.8	1949.9	1866.4	1770.6
17.5°	2321.3	2305.1	2281.2	2250.5	2212.2	2167.2	2114.5	2052.6	1981.3	1900.2	1806.7
15°	2330.4	2318.1	2297.1	2268.3	2232.7	2189.4	2138.9	2078.9	2008.1	1927.7	1834.8
12.5°	2332.6	2326.3	2310.5	2284.0	2249.7	2207.3	2157.5	2098.4	2029.1	1949.8	1858.4
10°	2333.9	2330.9	2318.3	2294.4	2261.8	2221.1	2172.3	2114.6	2046.6	1968.0	1878.0
7.5°	2332.9	2332.3	2323.3	2302.7	2271.4	2232.0	2184.0	2127.4	2060.4	1982.4	1893.3
5°	2332.2	2333.3	2327.1	2308.8	2278.4	2239.9	2192.5	2136.6	2070.3	1992.8	1904.4
2.5°	2331.7	2333.9	2329.3	2312.5	2282.7	2244.7	2197.6	2142.2	2076.3	1999.0	1911.1
0°	2331.6	2334.1	2330.1	2313.7	2284.1	2246.3	2199.3	2144.1	2078.3	2001.1	1913.3
-2.5°	2331.7	2333.9	2329.3	2312.5	2282.7	2244.7	2197.6	2142.2	2076.3	1999.0	1911.1
-5°	2332.2	2333.3	2327.1	2308.8	2278.4	2239.9	2192.5	2136.6	2070.3	1992.8	1904.4
-7.5°	2332.9	2332.3	2323.3	2302.7	2271.4	2232.0	2184.0	2127.4	2060.4	1982.4	1893.3
-10°	2333.9	2330.9	2318.3	2294.4	2261.8	2221.1	2172.3	2114.6	2046.6	1968.0	1878.0
-12.5°	2332.6	2326.3	2310.5	2284.0	2249.7	2207.3	2157.5	2098.4	2029.1	1949.8	1858.4
-15°	2330.4	2318.1	2297.1	2268.3	2232.7	2189.4	2138.9	2078.9	2008.1	1927.7	1834.8
-17.5°	2321.3	2305.1	2281.2	2250.5	2212.2	2167.2	2114.5	2052.6	1981.3	1900.2	1806.7
-20°	2307.9	2287.0	2259.8	2226.8	2187.6	2142.1	2087.0	2022.8	1949.9	1866.4	1770.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2287.0	2262.9	2234.2	2199.9	2158.2	2109.5	2053.1	1988.3	1915.1	1828.8	1730.4
-25°	2259.8	2234.2	2203.5	2166.3	2123.3	2073.7	2014.6	1947.5	1871.2	1784.1	1685.7
-27.5°	2226.8	2199.9	2166.3	2127.9	2083.3	2029.7	1969.6	1902.1	1823.5	1732.8	1633.9
-30°	2187.6	2158.2	2123.3	2083.3	2034.8	1980.7	1919.9	1847.8	1766.8	1676.7	1578.3
-32.5°	2142.1	2109.5	2073.7	2029.7	1980.7	1925.3	1860.1	1787.4	1704.7	1613.5	1514.4
-35°	2087.0	2053.1	2014.6	1969.6	1919.9	1860.1	1794.3	1718.2	1635.0	1545.2	1445.5
-37.5°	2022.8	1988.3	1947.5	1902.1	1847.8	1787.4	1718.2	1642.2	1560.7	1468.3	1367.8
-40°	1949.9	1915.1	1871.2	1823.5	1766.8	1704.7	1635.0	1560.7	1475.9	1384.4	1284.3
-42.5°	1866.4	1828.8	1784.1	1732.8	1676.7	1613.5	1545.2	1468.3	1384.4	1292.5	1189.0
-45°	1770.6	1730.4	1685.7	1633.9	1578.3	1514.4	1445.5	1367.8	1284.3	1189.0	1087.9
-47.5°	1662.8	1622.4	1578.0	1526.1	1468.9	1406.3	1334.9	1259.2	1170.8	1078.5	979.1
-50°	1545.5	1504.2	1458.8	1408.0	1349.1	1286.3	1213.9	1134.9	1050.6	960.6	868.4
-52.5°	1416.3	1374.1	1327.6	1277.1	1217.0	1151.3	1081.4	1004.5	924.1	842.0	757.5
-55°	1272.8	1230.0	1181.8	1129.3	1071.8	1008.4	941.0	870.8	798.5	722.9	655.1
-57.5°	1111.0	1070.2	1024.0	973.6	919.1	862.1	801.9	738.4	678.5	618.4	558.2
-60°	941.0	902.9	862.1	817.5	769.2	718.1	670.7	620.5	567.7	524.7	480.2
-62.5°	773.3	739.9	705.5	670.7	632.9	592.4	553.2	517.9	480.7	442.5	408.6
-65°	622.2	596.4	567.7	543.2	516.9	488.7	458.6	430.0	401.9	372.5	342.7
-67.5°	498.0	480.2	460.5	440.1	420.6	399.5	377.1	353.3	331.9	311.1	289.3
-70°	396.2	383.1	368.6	352.7	337.7	323.0	307.3	290.7	273.1	257.6	242.9
-72.5°	311.9	302.9	292.9	282.0	270.1	259.7	249.3	238.3	226.6	214.3	202.1
-75°	244.9	239.0	232.6	225.5	217.8	209.5	201.4	193.0	184.3	175.0	165.3
-77.5°	190.6	186.4	181.6	176.4	170.8	164.7	158.2	151.2	143.6	135.5	127.1
-80°	140.2	136.6	132.7	128.4	123.7	118.6	113.2	107.4	101.3	95.2	89.1
-82.5°	88.9	86.5	83.8	80.9	77.7	74.2	70.5	66.6	62.4	58.1	53.5
-85°	43.3	42.2	41.0	39.6	38.2	36.6	34.9	33.1	31.2	29.2	27.1
-87.5°	12.0	11.8	11.6	11.4	11.1	10.8	10.5	10.2	9.8	9.4	9.0
-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: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-LAM-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°	8.6	8.2	7.8	7.3	6.9	6.4	5.9	5.4	4.9	4.4	3.8
85°	25.0	22.7	20.3	17.9	15.4	12.8	11.8	10.8	9.8	8.7	7.7
82.5°	48.7	44.9	41.4	37.7	33.9	30.0	26.1	22.0	17.8	13.6	11.5
80°	82.7	76.0	69.1	62.0	54.7	47.2	41.9	36.5	31.0	25.4	19.6
77.5°	118.3	109.2	99.7	90.6	81.5	72.0	62.4	52.5	44.0	37.0	29.9
75°	155.2	144.3	132.9	121.2	109.1	96.8	85.2	73.4	61.3	49.1	40.1
72.5°	190.3	178.1	165.4	152.2	138.1	123.6	108.8	94.1	80.0	65.8	51.3
70°	227.6	211.7	196.6	181.6	166.2	150.3	133.4	116.1	98.6	82.3	65.8
67.5°	266.7	248.8	230.3	211.2	193.4	175.6	157.5	138.3	118.6	98.6	80.0
65°	317.5	291.3	264.9	243.7	221.9	200.5	180.4	159.8	138.3	116.1	94.1
62.5°	373.4	338.9	309.1	278.4	251.8	227.3	202.9	180.4	157.5	133.4	108.8
60°	436.1	396.2	355.1	319.9	285.6	254.5	227.3	200.5	175.6	150.3	123.6
57.5°	508.0	456.2	410.0	364.3	323.5	285.6	251.8	221.9	193.4	166.2	138.1
55°	585.0	524.9	467.4	414.7	364.3	319.9	278.4	243.7	211.2	181.6	152.2
52.5°	677.3	599.7	530.5	467.4	410.0	355.1	309.1	264.9	230.3	196.6	165.4
50°	774.9	684.7	599.7	524.9	456.2	396.2	338.9	291.3	248.8	211.7	178.1
47.5°	877.2	774.9	677.3	585.0	508.0	436.1	373.4	317.5	266.7	227.6	190.3
45°	979.1	868.4	757.5	655.1	558.2	480.2	408.6	342.7	289.3	242.9	202.1
42.5°	1078.5	960.6	842.0	722.9	618.4	524.7	442.5	372.5	311.1	257.6	214.3
40°	1170.8	1050.6	924.1	798.5	678.5	567.7	480.7	401.9	331.9	273.1	226.6
37.5°	1259.2	1134.9	1004.5	870.8	738.4	620.5	517.9	430.0	353.3	290.7	238.3
35°	1334.9	1213.9	1081.4	941.0	801.9	670.7	553.2	458.6	377.1	307.3	249.3
32.5°	1406.3	1286.3	1151.3	1008.4	862.1	718.1	592.4	488.7	399.5	323.0	259.7
30°	1468.9	1349.1	1217.0	1071.8	919.1	769.2	632.9	516.9	420.6	337.7	270.1
27.5°	1526.1	1408.0	1277.1	1129.3	973.6	817.5	670.7	543.2	440.1	352.7	282.0
25°	1578.0	1458.8	1327.6	1181.8	1024.0	862.1	705.5	567.7	460.5	368.6	292.9
22.5°	1622.4	1504.2	1374.1	1230.0	1070.2	902.9	739.9	596.4	480.2	383.1	302.9
20°	1662.8	1545.5	1416.3	1272.8	1111.0	941.0	773.3	622.2	498.0	396.2	311.9
17.5°	1698.5	1580.8	1450.9	1307.4	1146.6	974.9	803.0	645.3	513.9	407.9	319.9
15°	1727.8	1610.1	1480.7	1337.6	1177.8	1004.5	829.0	665.4	527.7	418.0	326.8
12.5°	1752.9	1635.1	1506.2	1363.5	1204.4	1029.8	851.2	682.5	539.5	426.6	332.7
10°	1773.7	1655.8	1527.2	1384.8	1226.3	1050.6	869.4	696.5	549.1	433.7	337.6
7.5°	1790.0	1672.1	1543.6	1401.4	1243.4	1066.9	883.6	707.5	556.7	439.3	341.4
5°	1801.7	1683.7	1555.4	1413.4	1255.7	1078.5	893.8	715.4	562.1	443.2	344.1
2.5°	1808.7	1690.8	1562.5	1420.6	1263.1	1085.6	900.0	720.1	565.3	445.6	345.8
0°	1811.1	1693.1	1564.9	1423.0	1265.6	1087.9	902.0	721.7	566.4	446.4	346.3
-2.5°	1808.7	1690.8	1562.5	1420.6	1263.1	1085.6	900.0	720.1	565.3	445.6	345.8
-5°	1801.7	1683.7	1555.4	1413.4	1255.7	1078.5	893.8	715.4	562.1	443.2	344.1
-7.5°	1790.0	1672.1	1543.6	1401.4	1243.4	1066.9	883.6	707.5	556.7	439.3	341.4
-10°	1773.7	1655.8	1527.2	1384.8	1226.3	1050.6	869.4	696.5	549.1	433.7	337.6
-12.5°	1752.9	1635.1	1506.2	1363.5	1204.4	1029.8	851.2	682.5	539.5	426.6	332.7
-15°	1727.8	1610.1	1480.7	1337.6	1177.8	1004.5	829.0	665.4	527.7	418.0	326.8
-17.5°	1698.5	1580.8	1450.9	1307.4	1146.6	974.9	803.0	645.3	513.9	407.9	319.9
-20°	1662.8	1545.5	1416.3	1272.8	1111.0	941.0	773.3	622.2	498.0	396.2	311.9

Classified

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

Scaled Data Report



REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1622.4	1504.2	1374.1	1230.0	1070.2	902.9	739.9	596.4	480.2	383.1	302.9
-25°	1578.0	1458.8	1327.6	1181.8	1024.0	862.1	705.5	567.7	460.5	368.6	292.9
-27.5°	1526.1	1408.0	1277.1	1129.3	973.6	817.5	670.7	543.2	440.1	352.7	282.0
-30°	1468.9	1349.1	1217.0	1071.8	919.1	769.2	632.9	516.9	420.6	337.7	270.1
-32.5°	1406.3	1286.3	1151.3	1008.4	862.1	718.1	592.4	488.7	399.5	323.0	259.7
-35°	1334.9	1213.9	1081.4	941.0	801.9	670.7	553.2	458.6	377.1	307.3	249.3
-37.5°	1259.2	1134.9	1004.5	870.8	738.4	620.5	517.9	430.0	353.3	290.7	238.3
-40°	1170.8	1050.6	924.1	798.5	678.5	567.7	480.7	401.9	331.9	273.1	226.6
-42.5°	1078.5	960.6	842.0	722.9	618.4	524.7	442.5	372.5	311.1	257.6	214.3
-45°	979.1	868.4	757.5	655.1	558.2	480.2	408.6	342.7	289.3	242.9	202.1
-47.5°	877.2	774.9	677.3	585.0	508.0	436.1	373.4	317.5	266.7	227.6	190.3
-50°	774.9	684.7	599.7	524.9	456.2	396.2	338.9	291.3	248.8	211.7	178.1
-52.5°	677.3	599.7	530.5	467.4	410.0	355.1	309.1	264.9	230.3	196.6	165.4
-55°	585.0	524.9	467.4	414.7	364.3	319.9	278.4	243.7	211.2	181.6	152.2
-57.5°	508.0	456.2	410.0	364.3	323.5	285.6	251.8	221.9	193.4	166.2	138.1
-60°	436.1	396.2	355.1	319.9	285.6	254.5	227.3	200.5	175.6	150.3	123.6
-62.5°	373.4	338.9	309.1	278.4	251.8	227.3	202.9	180.4	157.5	133.4	108.8
-65°	317.5	291.3	264.9	243.7	221.9	200.5	180.4	159.8	138.3	116.1	94.1
-67.5°	266.7	248.8	230.3	211.2	193.4	175.6	157.5	138.3	118.6	98.6	80.0
-70°	227.6	211.7	196.6	181.6	166.2	150.3	133.4	116.1	98.6	82.3	65.8
-72.5°	190.3	178.1	165.4	152.2	138.1	123.6	108.8	94.1	80.0	65.8	51.3
-75°	155.2	144.3	132.9	121.2	109.1	96.8	85.2	73.4	61.3	49.1	40.1
-77.5°	118.3	109.2	99.7	90.6	81.5	72.0	62.4	52.5	44.0	37.0	29.9
-80°	82.7	76.0	69.1	62.0	54.7	47.2	41.9	36.5	31.0	25.4	19.6
-82.5°	48.7	44.9	41.4	37.7	33.9	30.0	26.1	22.0	17.8	13.6	11.5
-85°	25.0	22.7	20.3	17.9	15.4	12.8	11.8	10.8	9.8	8.7	7.7
-87.5°	8.6	8.2	7.8	7.3	6.9	6.4	5.9	5.4	4.9	4.4	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-LAM-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°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
85°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
82.5°	9.9	8.3	6.6	5.0	3.3	1.7	0.0
80°	13.9	11.0	8.8	6.6	4.4	2.2	0.0
77.5°	22.7	15.4	11.0	8.3	5.5	2.8	0.0
75°	31.4	22.7	13.9	9.9	6.6	3.3	0.0
72.5°	40.1	29.9	19.6	11.5	7.7	3.8	0.0
70°	49.1	37.0	25.4	13.6	8.7	4.4	0.0
67.5°	61.3	44.0	31.0	17.8	9.8	4.9	0.0
65°	73.4	52.5	36.5	22.0	10.8	5.4	0.0
62.5°	85.2	62.4	41.9	26.1	11.8	5.9	0.0
60°	96.8	72.0	47.2	30.0	12.8	6.4	0.0
57.5°	109.1	81.5	54.7	33.9	15.4	6.9	0.0
55°	121.2	90.6	62.0	37.7	17.9	7.3	0.0
52.5°	132.9	99.7	69.1	41.4	20.3	7.8	0.0
50°	144.3	109.2	76.0	44.9	22.7	8.2	0.0
47.5°	155.2	118.3	82.7	48.7	25.0	8.6	0.0
45°	165.3	127.1	89.1	53.5	27.1	9.0	0.0
42.5°	175.0	135.5	95.2	58.1	29.2	9.4	0.0
40°	184.3	143.6	101.3	62.4	31.2	9.8	0.0
37.5°	193.0	151.2	107.4	66.6	33.1	10.2	0.0
35°	201.4	158.2	113.2	70.5	34.9	10.5	0.0
32.5°	209.5	164.7	118.6	74.2	36.6	10.8	0.0
30°	217.8	170.8	123.7	77.7	38.2	11.1	0.0
27.5°	225.5	176.4	128.4	80.9	39.6	11.4	0.0
25°	232.6	181.6	132.7	83.8	41.0	11.6	0.0
22.5°	239.0	186.4	136.6	86.5	42.2	11.8	0.0
20°	244.9	190.6	140.2	88.9	43.3	12.0	0.0
17.5°	250.0	194.4	143.3	91.0	44.3	12.2	0.0
15°	254.5	197.7	146.0	92.9	45.1	12.4	0.0
12.5°	258.3	200.5	148.4	94.5	45.9	12.5	0.0
10°	261.5	202.8	150.3	95.8	46.4	12.6	0.0
7.5°	263.9	204.6	151.8	96.8	46.9	12.7	0.0
5°	265.7	205.9	152.8	97.5	47.2	12.8	0.0
2.5°	266.7	206.6	153.5	98.0	47.4	12.8	0.0
0°	267.1	206.9	153.7	98.1	47.5	12.8	0.0
-2.5°	266.7	206.6	153.5	98.0	47.4	12.8	0.0
-5°	265.7	205.9	152.8	97.5	47.2	12.8	0.0
-7.5°	263.9	204.6	151.8	96.8	46.9	12.7	0.0
-10°	261.5	202.8	150.3	95.8	46.4	12.6	0.0
-12.5°	258.3	200.5	148.4	94.5	45.9	12.5	0.0
-15°	254.5	197.7	146.0	92.9	45.1	12.4	0.0
-17.5°	250.0	194.4	143.3	91.0	44.3	12.2	0.0
-20°	244.9	190.6	140.2	88.9	43.3	12.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645340 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	239.0	186.4	136.6	86.5	42.2	11.8	0.0
-25°	232.6	181.6	132.7	83.8	41.0	11.6	0.0
-27.5°	225.5	176.4	128.4	80.9	39.6	11.4	0.0
-30°	217.8	170.8	123.7	77.7	38.2	11.1	0.0
-32.5°	209.5	164.7	118.6	74.2	36.6	10.8	0.0
-35°	201.4	158.2	113.2	70.5	34.9	10.5	0.0
-37.5°	193.0	151.2	107.4	66.6	33.1	10.2	0.0
-40°	184.3	143.6	101.3	62.4	31.2	9.8	0.0
-42.5°	175.0	135.5	95.2	58.1	29.2	9.4	0.0
-45°	165.3	127.1	89.1	53.5	27.1	9.0	0.0
-47.5°	155.2	118.3	82.7	48.7	25.0	8.6	0.0
-50°	144.3	109.2	76.0	44.9	22.7	8.2	0.0
-52.5°	132.9	99.7	69.1	41.4	20.3	7.8	0.0
-55°	121.2	90.6	62.0	37.7	17.9	7.3	0.0
-57.5°	109.1	81.5	54.7	33.9	15.4	6.9	0.0
-60°	96.8	72.0	47.2	30.0	12.8	6.4	0.0
-62.5°	85.2	62.4	41.9	26.1	11.8	5.9	0.0
-65°	73.4	52.5	36.5	22.0	10.8	5.4	0.0
-67.5°	61.3	44.0	31.0	17.8	9.8	4.9	0.0
-70°	49.1	37.0	25.4	13.6	8.7	4.4	0.0
-72.5°	40.1	29.9	19.6	11.5	7.7	3.8	0.0
-75°	31.4	22.7	13.9	9.9	6.6	3.3	0.0
-77.5°	22.7	15.4	11.0	8.3	5.5	2.8	0.0
-80°	13.9	11.0	8.8	6.6	4.4	2.2	0.0
-82.5°	9.9	8.3	6.6	5.0	3.3	1.7	0.0
-85°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
-87.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)