

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: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-740-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-740-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N147
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

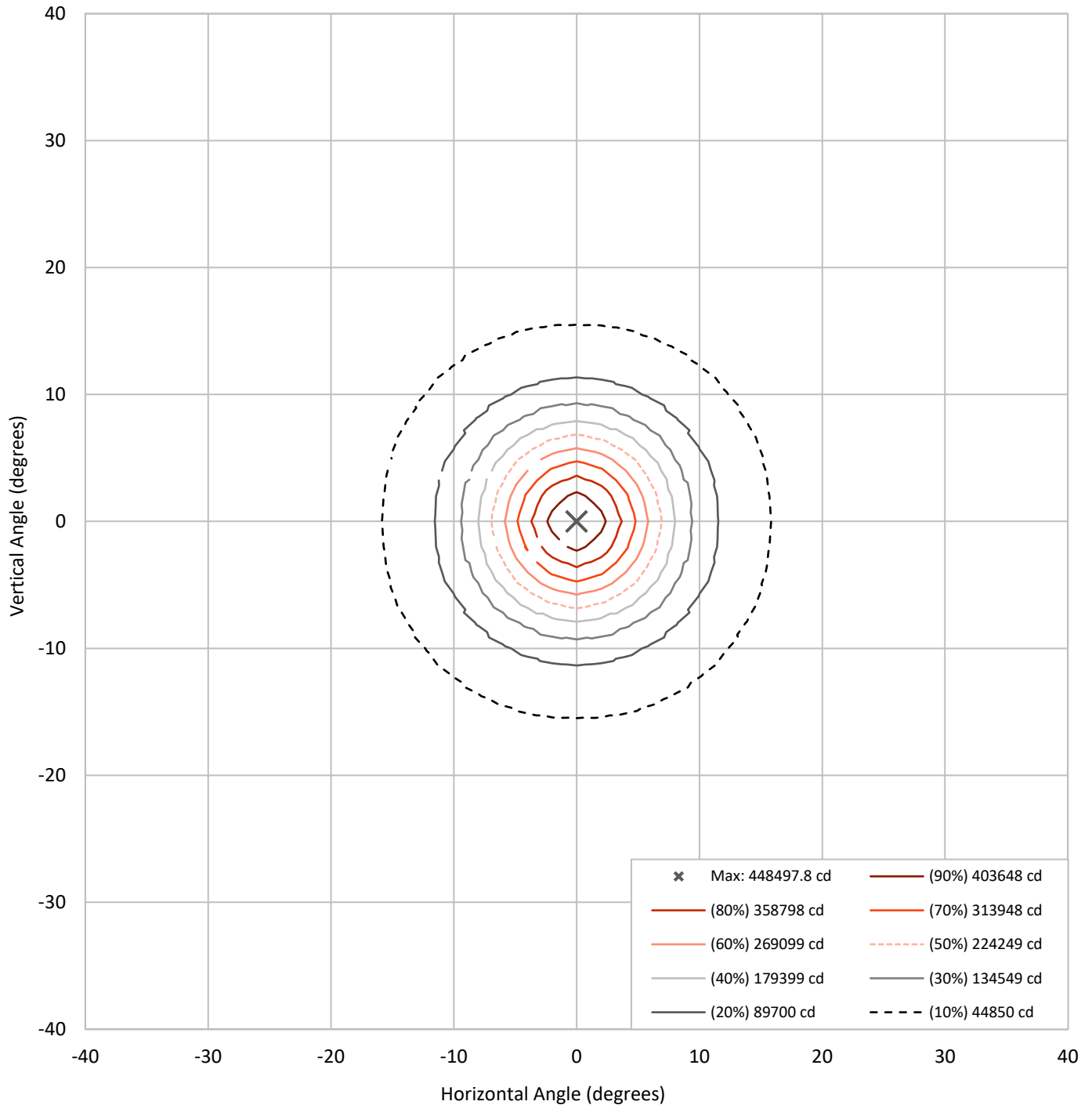
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	47623.9 lumens	Max Intensity:	448497.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	14080.3 lumens	Field Lumens:	31686.4 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





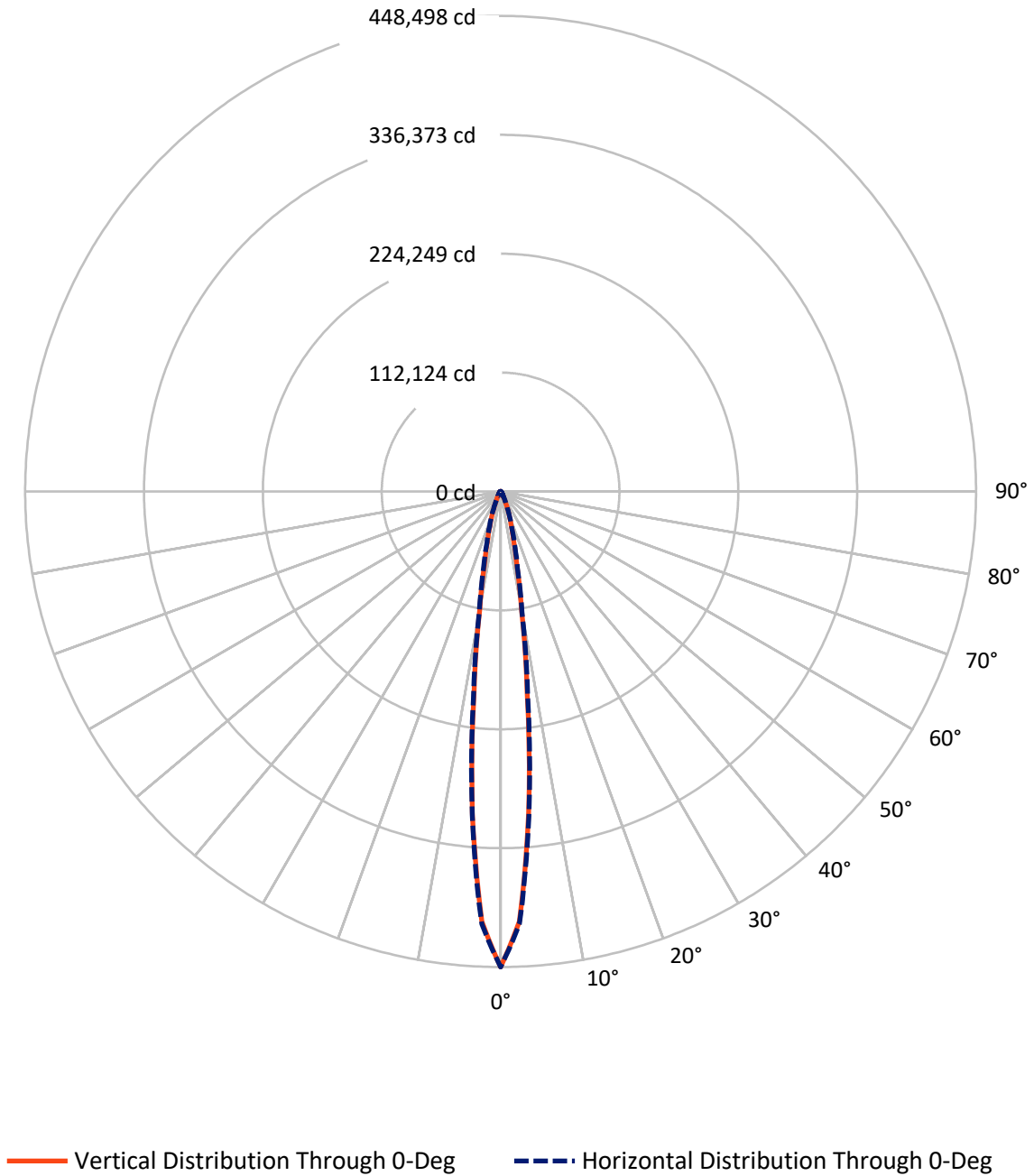
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Lumen Table

90	0.8	6.5		17.2		27.7		30.3		27.7		17.2		6.5		0.8			
80	0.8	6.5		17.2		27.7		30.3		27.7		17.2		6.5		0.8			
70	3.0	3.3	6.9	11.3	16.0	19.6	22.0	23.0	23.0	22.0	19.6	16.0	11.3	6.9	3.3	3.0			
60		5.1	10.3	16.8	22.5	27.5	30.7	32.0	32.0	30.7	27.5	22.5	16.8	10.3	5.1				
50	5.2	6.6	13.4	20.7	27.5	34.6	40.8	44.0	44.0	40.8	34.6	27.5	20.7	13.4	6.6	5.2			
40		8.0	15.7	23.9	33.9	48.7	68.6	85.0	85.0	68.6	48.7	33.9	23.9	15.7	8.0				
30	6.7	9.0	17.2	26.9	43.8	87.0	198.1	328.0	328.0	198.1	87.0	43.8	26.9	17.2	9.0	6.7			
20		9.6	18.1	29.7	58.2	184.8	656.1	1413.1	1413.1	656.1	184.8	58.2	29.7	18.1	9.6				
10	7.2	10.0	18.5	31.5	70.3	304.5	1426.3	6161.2	6161.2	1426.3	304.5	70.3	31.5	18.5	10.0	7.2			
0		10.0	18.5	31.5	70.3	304.5	1426.3	6161.2	6161.2	1426.3	304.5	70.3	31.5	18.5	10.0				
-10	6.7	9.6	18.1	29.7	58.2	184.8	656.1	1413.1	1413.1	656.1	184.8	58.2	29.7	18.1	9.6	6.7			
-20		9.0	17.2	26.9	43.8	87.0	198.1	328.0	328.0	198.1	87.0	43.8	26.9	17.2	9.0				
-30	5.2	8.0	15.7	23.9	33.9	48.7	68.6	85.0	85.0	68.6	48.7	33.9	23.9	15.7	8.0	5.2			
-40		6.6	13.4	20.7	27.5	34.6	40.8	44.0	44.0	40.8	34.6	27.5	20.7	13.4	6.6				
-50	3.0	5.1	10.3	16.8	22.5	27.5	30.7	32.0	32.0	30.7	27.5	22.5	16.8	10.3	5.1	3.0			
-60		3.3	6.9	11.3	16.0	19.6	22.0	23.0	23.0	22.0	19.6	16.0	11.3	6.9	3.3				
-70	0.8	6.5		17.2		27.7		30.3		27.7		17.2		6.5		0.8			
-80		6.5		17.2		27.7		30.3		27.7		17.2		6.5					
-90	0.8	6.5		17.2		27.7		30.3		27.7		17.2		6.5		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

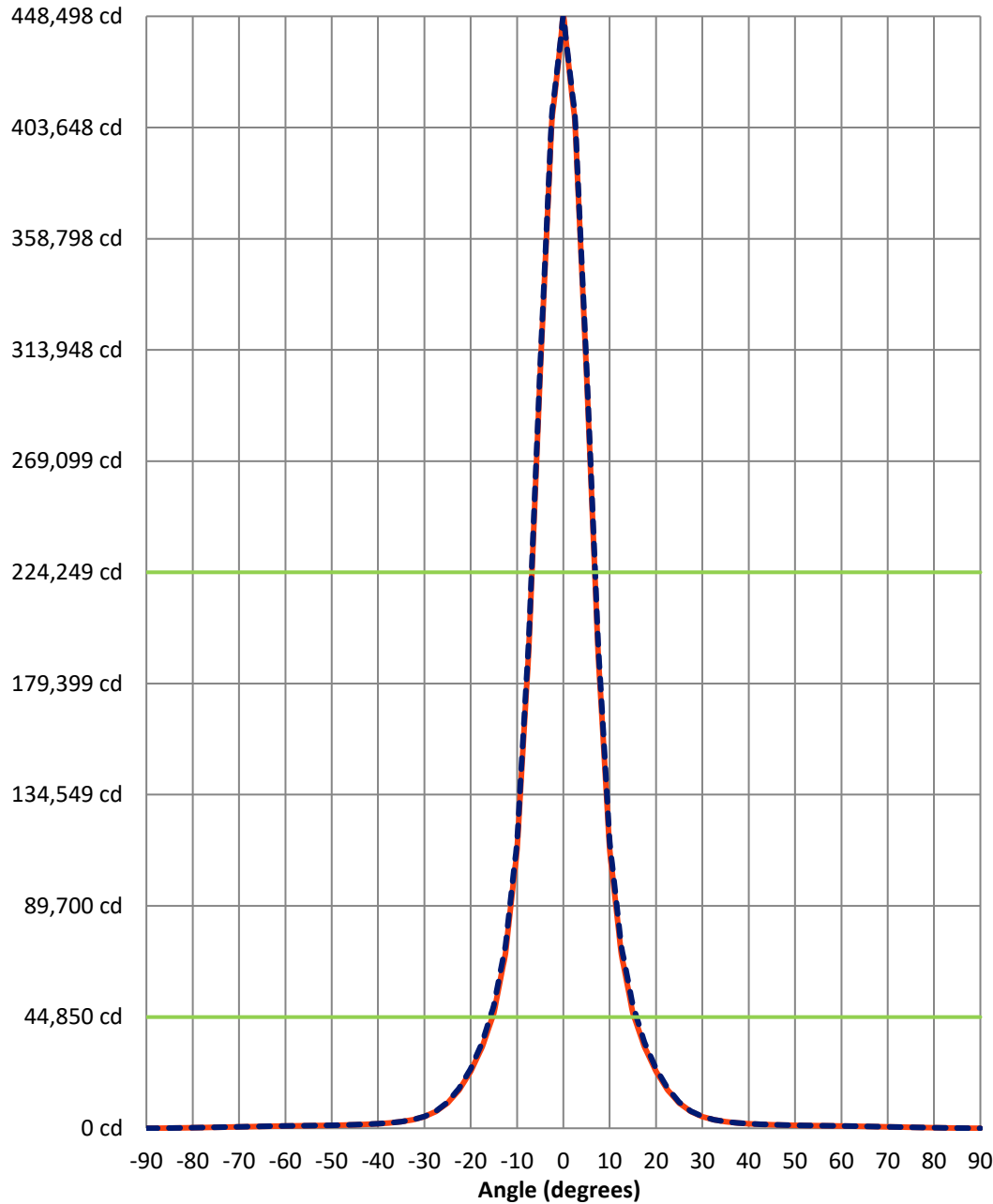
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.7°
V Angle: 13.6°
Lumens: 14080.3
Efficiency: 29.6%

Field:
H Angle: 31.6°
V Angle: 30.6°
Lumens: 31686.4
Efficiency: 66.5%

Spill:
Lumens: 15937.5
Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.5	3.3	5.0	6.7	8.3	9.9	11.5	13.1	14.7	16.2
85°	0.0	2.9	6.7	10.0	13.3	16.6	19.9	23.1	26.2	29.4	32.4
82.5°	0.0	4.4	10.0	15.0	19.9	24.9	29.7	34.6	39.8	46.8	53.7
80°	0.0	5.8	13.3	19.9	26.5	33.1	40.1	49.8	59.3	68.6	77.8
77.5°	0.0	7.2	16.5	24.9	33.1	42.5	54.7	66.8	78.7	90.4	102.8
75°	0.0	8.7	19.7	29.7	40.0	54.0	69.1	83.7	98.2	114.5	130.5
72.5°	0.0	10.0	22.8	34.6	48.7	65.4	83.2	101.2	120.4	139.4	158.0
70°	0.0	11.4	25.8	39.6	57.3	76.5	97.4	120.4	142.3	164.0	188.3
67.5°	0.0	12.7	28.8	45.7	65.7	87.4	113.5	139.4	164.0	191.7	218.9
65°	0.0	14.0	31.7	51.6	73.9	99.3	129.2	158.0	188.3	218.9	251.1
62.5°	0.0	15.3	34.4	57.4	81.9	112.2	144.7	178.2	212.1	246.7	287.2
60°	0.0	16.5	37.1	63.0	89.6	124.8	159.8	198.6	235.5	277.8	322.2
57.5°	0.0	17.6	40.6	68.5	99.3	137.0	176.4	218.5	261.1	307.8	356.1
55°	0.0	18.8	44.0	73.7	108.8	148.9	192.7	237.6	286.4	336.8	388.7
52.5°	0.0	19.8	47.3	78.7	118.1	160.7	208.6	258.2	310.9	364.6	420.0
50°	0.0	20.9	50.5	83.6	127.0	173.5	223.9	278.4	334.2	391.1	450.1
47.5°	0.0	21.8	53.6	88.6	135.5	185.8	239.0	297.9	356.5	416.4	479.5
45°	0.0	22.8	56.6	94.8	143.7	197.6	255.0	316.6	377.9	442.3	508.2
42.5°	0.0	23.6	59.6	100.6	151.6	208.8	270.3	334.5	398.4	467.4	536.2
40°	0.0	24.4	62.4	106.4	159.6	219.6	284.9	351.6	418.6	491.7	563.4
37.5°	0.0	25.2	65.0	111.9	167.7	229.7	298.7	367.8	438.7	514.4	589.8
35°	0.0	25.8	67.6	117.1	175.3	240.1	311.7	383.0	457.4	535.7	615.1
32.5°	0.0	26.5	70.0	122.0	182.4	250.2	323.9	397.4	474.6	555.7	637.2
30°	0.0	27.0	72.3	126.6	189.1	259.7	335.3	410.8	490.4	574.3	657.2
27.5°	0.0	27.5	74.4	130.8	195.5	268.4	345.8	423.6	505.0	591.4	675.2
25°	0.0	27.9	76.4	134.7	201.5	276.4	355.4	435.1	518.7	606.4	691.1
22.5°	0.0	28.3	78.3	138.3	207.0	283.5	364.1	445.3	531.1	619.3	705.0
20°	0.0	28.6	79.9	141.5	211.9	289.7	371.9	454.3	542.1	630.5	717.5
17.5°	0.0	28.8	81.4	144.3	216.2	295.0	378.3	461.9	551.6	640.0	728.6
15°	0.0	29.0	82.7	146.8	220.0	299.4	383.5	468.7	559.7	647.6	738.1
12.5°	0.0	29.1	83.9	148.9	223.2	302.9	387.8	474.9	566.5	653.5	746.1
10°	0.0	29.2	84.8	150.6	225.9	305.5	391.0	480.2	571.7	659.9	753.7
7.5°	0.0	29.2	85.5	152.0	227.9	307.2	393.3	484.4	575.2	665.3	762.6
5°	0.0	29.1	86.1	152.9	229.4	308.1	394.5	487.5	577.2	669.3	769.7
2.5°	0.0	29.0	86.4	153.5	230.3	308.2	394.8	489.4	577.6	671.7	775.0
0°	0.0	28.8	86.5	153.7	230.6	307.5	394.0	490.1	576.5	672.6	778.3
-2.5°	0.0	29.0	86.4	153.5	230.3	308.2	394.8	489.4	577.6	671.7	775.0
-5°	0.0	29.1	86.1	152.9	229.4	308.1	394.5	487.5	577.2	669.3	769.7
-7.5°	0.0	29.2	85.5	152.0	227.9	307.2	393.3	484.4	575.2	665.3	762.6
-10°	0.0	29.2	84.8	150.6	225.9	305.5	391.0	480.2	571.7	659.9	753.7
-12.5°	0.0	29.1	83.9	148.9	223.2	302.9	387.8	474.9	566.5	653.5	746.1
-15°	0.0	29.0	82.7	146.8	220.0	299.4	383.5	468.7	559.7	647.6	738.1
-17.5°	0.0	28.8	81.4	144.3	216.2	295.0	378.3	461.9	551.6	640.0	728.6
-20°	0.0	28.6	79.9	141.5	211.9	289.7	371.9	454.3	542.1	630.5	717.5

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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	28.3	78.3	138.3	207.0	283.5	364.1	445.3	531.1	619.3	705.0
-25°	0.0	27.9	76.4	134.7	201.5	276.4	355.4	435.1	518.7	606.4	691.1
-27.5°	0.0	27.5	74.4	130.8	195.5	268.4	345.8	423.6	505.0	591.4	675.2
-30°	0.0	27.0	72.3	126.6	189.1	259.7	335.3	410.8	490.4	574.3	657.2
-32.5°	0.0	26.5	70.0	122.0	182.4	250.2	323.9	397.4	474.6	555.7	637.2
-35°	0.0	25.8	67.6	117.1	175.3	240.1	311.7	383.0	457.4	535.7	615.1
-37.5°	0.0	25.2	65.0	111.9	167.7	229.7	298.7	367.8	438.7	514.4	589.8
-40°	0.0	24.4	62.4	106.4	159.6	219.6	284.9	351.6	418.6	491.7	563.4
-42.5°	0.0	23.6	59.6	100.6	151.6	208.8	270.3	334.5	398.4	467.4	536.2
-45°	0.0	22.8	56.6	94.8	143.7	197.6	255.0	316.6	377.9	442.3	508.2
-47.5°	0.0	21.8	53.6	88.6	135.5	185.8	239.0	297.9	356.5	416.4	479.5
-50°	0.0	20.9	50.5	83.6	127.0	173.5	223.9	278.4	334.2	391.1	450.1
-52.5°	0.0	19.8	47.3	78.7	118.1	160.7	208.6	258.2	310.9	364.6	420.0
-55°	0.0	18.8	44.0	73.7	108.8	148.9	192.7	237.6	286.4	336.8	388.7
-57.5°	0.0	17.6	40.6	68.5	99.3	137.0	176.4	218.5	261.1	307.8	356.1
-60°	0.0	16.5	37.1	63.0	89.6	124.8	159.8	198.6	235.5	277.8	322.2
-62.5°	0.0	15.3	34.4	57.4	81.9	112.2	144.7	178.2	212.1	246.7	287.2
-65°	0.0	14.0	31.7	51.6	73.9	99.3	129.2	158.0	188.3	218.9	251.1
-67.5°	0.0	12.7	28.8	45.7	65.7	87.4	113.5	139.4	164.0	191.7	218.9
-70°	0.0	11.4	25.8	39.6	57.3	76.5	97.4	120.4	142.3	164.0	188.3
-72.5°	0.0	10.0	22.8	34.6	48.7	65.4	83.2	101.2	120.4	139.4	158.0
-75°	0.0	8.7	19.7	29.7	40.0	54.0	69.1	83.7	98.2	114.5	130.5
-77.5°	0.0	7.2	16.5	24.9	33.1	42.5	54.7	66.8	78.7	90.4	102.8
-80°	0.0	5.8	13.3	19.9	26.5	33.1	40.1	49.8	59.3	68.6	77.8
-82.5°	0.0	4.4	10.0	15.0	19.9	24.9	29.7	34.6	39.8	46.8	53.7
-85°	0.0	2.9	6.7	10.0	13.3	16.6	19.9	23.1	26.2	29.4	32.4
-87.5°	0.0	1.5	3.3	5.0	6.7	8.3	9.9	11.5	13.1	14.7	16.2
-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°	17.7	19.2	20.6	22.0	23.4	24.7	25.9	27.1	28.3	29.4	30.5
85°	35.4	38.4	42.6	46.8	50.4	53.5	56.1	58.3	62.3	66.5	70.7
82.5°	60.4	67.1	73.5	79.8	84.1	87.6	90.9	95.8	104.3	112.4	119.9
80°	86.8	95.7	105.6	115.4	123.7	132.1	140.8	149.7	159.1	167.8	176.3
77.5°	115.9	128.7	141.3	153.5	165.6	178.7	191.3	203.4	215.1	226.2	236.7
75°	146.3	161.7	178.6	195.3	211.5	227.2	242.6	259.1	274.8	289.9	304.2
72.5°	178.2	198.6	218.6	238.1	259.2	279.8	299.8	319.0	337.7	357.3	377.9
70°	212.1	235.5	261.5	286.5	310.0	334.7	359.3	380.5	400.7	427.7	455.3
67.5°	247.0	278.6	308.0	336.2	367.5	396.5	421.7	448.6	477.4	508.6	535.9
65°	288.2	322.5	356.7	392.3	428.5	458.7	490.2	523.6	556.2	587.2	616.9
62.5°	328.8	367.6	406.9	445.7	483.0	519.2	557.1	594.3	630.1	666.3	698.2
60°	368.0	412.0	453.5	494.0	536.3	581.2	623.3	664.5	707.4	748.4	769.8
57.5°	405.8	452.8	496.2	541.7	591.2	642.1	686.2	732.9	769.8	798.1	825.8
55°	441.4	490.2	537.8	589.0	642.8	695.6	744.8	786.4	820.4	846.4	875.7
52.5°	474.7	526.2	577.9	633.9	691.0	747.3	798.8	837.7	868.3	894.9	922.5
50°	507.4	561.5	616.2	677.5	738.7	798.6	849.0	884.7	913.5	940.8	969.1
47.5°	539.5	596.3	655.2	720.5	786.8	844.7	892.5	925.0	954.1	986.3	1017.3
45°	571.0	632.5	694.9	765.0	831.7	887.4	928.0	960.6	996.6	1031.3	1064.5
42.5°	601.9	668.1	735.8	808.5	872.9	923.1	961.0	999.6	1038.3	1075.3	1112.7
40°	632.9	702.3	774.0	846.3	911.1	954.5	994.6	1036.2	1078.9	1119.0	1160.6
37.5°	662.7	734.5	808.4	881.5	940.3	984.3	1026.0	1071.9	1116.9	1160.7	1214.8
35°	690.9	763.8	838.4	909.0	965.7	1011.2	1057.8	1106.1	1153.4	1210.0	1271.7
32.5°	716.2	790.2	865.7	931.5	987.0	1036.1	1088.3	1138.7	1195.5	1259.6	1333.7
30°	737.5	813.2	889.0	953.3	1007.5	1059.4	1116.1	1171.7	1238.1	1315.2	1403.2
27.5°	756.2	833.8	907.5	971.9	1027.1	1078.7	1138.4	1208.6	1284.8	1371.2	1474.6
25°	773.7	854.7	925.0	989.0	1042.6	1096.6	1160.5	1238.2	1329.9	1433.9	1560.5
22.5°	790.2	874.8	942.9	1005.1	1054.8	1113.2	1185.1	1269.7	1369.3	1491.3	1645.4
20°	806.0	889.8	957.1	1017.9	1064.0	1127.6	1206.9	1297.1	1410.3	1555.8	1734.0
17.5°	820.5	902.6	968.2	1025.4	1076.0	1143.0	1226.0	1319.5	1446.0	1614.4	1815.5
15°	833.7	913.4	977.2	1031.5	1086.7	1159.1	1245.9	1347.2	1485.4	1670.3	1887.7
12.5°	845.4	922.1	984.1	1036.2	1095.3	1172.2	1263.7	1376.1	1527.8	1725.2	1979.2
10°	855.3	928.8	988.9	1039.5	1101.8	1182.3	1278.4	1399.6	1561.6	1767.7	2049.6
7.5°	863.8	934.1	992.2	1041.3	1106.0	1189.3	1290.0	1417.5	1585.2	1797.9	2100.4
5°	869.8	938.3	996.2	1047.2	1112.5	1194.9	1298.4	1429.7	1599.1	1815.9	2132.0
2.5°	873.3	940.9	998.6	1052.8	1119.5	1199.6	1304.7	1443.2	1610.3	1833.4	2156.2
0°	874.4	941.7	999.4	1057.0	1124.3	1201.1	1306.8	1451.0	1614.3	1845.0	2171.7
-2.5°	873.3	940.9	998.6	1052.8	1119.5	1199.6	1304.7	1443.2	1610.3	1833.4	2156.2
-5°	869.8	938.3	996.2	1047.2	1112.5	1194.9	1298.4	1429.7	1599.1	1815.9	2132.0
-7.5°	863.8	934.1	992.2	1041.3	1106.0	1189.3	1290.0	1417.5	1585.2	1797.9	2100.4
-10°	855.3	928.8	988.9	1039.5	1101.8	1182.3	1278.4	1399.6	1561.6	1767.7	2049.6
-12.5°	845.4	922.1	984.1	1036.2	1095.3	1172.2	1263.7	1376.1	1527.8	1725.2	1979.2
-15°	833.7	913.4	977.2	1031.5	1086.7	1159.1	1245.9	1347.2	1485.4	1670.3	1887.7
-17.5°	820.5	902.6	968.2	1025.4	1076.0	1143.0	1226.0	1319.5	1446.0	1614.4	1815.5
-20°	806.0	889.8	957.1	1017.9	1064.0	1127.6	1206.9	1297.1	1410.3	1555.8	1734.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	790.2	874.8	942.9	1005.1	1054.8	1113.2	1185.1	1269.7	1369.3	1491.3	1645.4
-25°	773.7	854.7	925.0	989.0	1042.6	1096.6	1160.5	1238.2	1329.9	1433.9	1560.5
-27.5°	756.2	833.8	907.5	971.9	1027.1	1078.7	1138.4	1208.6	1284.8	1371.2	1474.6
-30°	737.5	813.2	889.0	953.3	1007.5	1059.4	1116.1	1171.7	1238.1	1315.2	1403.2
-32.5°	716.2	790.2	865.7	931.5	987.0	1036.1	1088.3	1138.7	1195.5	1259.6	1333.7
-35°	690.9	763.8	838.4	909.0	965.7	1011.2	1057.8	1106.1	1153.4	1210.0	1271.7
-37.5°	662.7	734.5	808.4	881.5	940.3	984.3	1026.0	1071.9	1116.9	1160.7	1214.8
-40°	632.9	702.3	774.0	846.3	911.1	954.5	994.6	1036.2	1078.9	1119.0	1160.6
-42.5°	601.9	668.1	735.8	808.5	872.9	923.1	961.0	999.6	1038.3	1075.3	1112.7
-45°	571.0	632.5	694.9	765.0	831.7	887.4	928.0	960.6	996.6	1031.3	1064.5
-47.5°	539.5	596.3	655.2	720.5	786.8	844.7	892.5	925.0	954.1	986.3	1017.3
-50°	507.4	561.5	616.2	677.5	738.7	798.6	849.0	884.7	913.5	940.8	969.1
-52.5°	474.7	526.2	577.9	633.9	691.0	747.3	798.8	837.7	868.3	894.9	922.5
-55°	441.4	490.2	537.8	589.0	642.8	695.6	744.8	786.4	820.4	846.4	875.7
-57.5°	405.8	452.8	496.2	541.7	591.2	642.1	686.2	732.9	769.8	798.1	825.8
-60°	368.0	412.0	453.5	494.0	536.3	581.2	623.3	664.5	707.4	748.4	769.8
-62.5°	328.8	367.6	406.9	445.7	483.0	519.2	557.1	594.3	630.1	666.3	698.2
-65°	288.2	322.5	356.7	392.3	428.5	458.7	490.2	523.6	556.2	587.2	616.9
-67.5°	247.0	278.6	308.0	336.2	367.5	396.5	421.7	448.6	477.4	508.6	535.9
-70°	212.1	235.5	261.5	286.5	310.0	334.7	359.3	380.5	400.7	427.7	455.3
-72.5°	178.2	198.6	218.6	238.1	259.2	279.8	299.8	319.0	337.7	357.3	377.9
-75°	146.3	161.7	178.6	195.3	211.5	227.2	242.6	259.1	274.8	289.9	304.2
-77.5°	115.9	128.7	141.3	153.5	165.6	178.7	191.3	203.4	215.1	226.2	236.7
-80°	86.8	95.7	105.6	115.4	123.7	132.1	140.8	149.7	159.1	167.8	176.3
-82.5°	60.4	67.1	73.5	79.8	84.1	87.6	90.9	95.8	104.3	112.4	119.9
-85°	35.4	38.4	42.6	46.8	50.4	53.5	56.1	58.3	62.3	66.5	70.7
-87.5°	17.7	19.2	20.6	22.0	23.4	24.7	25.9	27.1	28.3	29.4	30.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-NR-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°	31.5	32.4	33.3	34.1	34.8	35.5	36.1	36.6	37.1	35.2	33.1
85°	75.1	78.0	80.6	83.0	85.3	87.3	89.1	90.7	92.2	91.0	89.6
82.5°	126.6	131.6	136.2	140.5	144.4	148.0	151.2	154.0	156.5	156.3	155.5
80°	184.2	192.5	200.7	208.9	216.9	221.8	225.3	228.0	229.8	230.6	230.8
77.5°	247.5	260.3	273.6	286.7	299.5	306.9	312.1	316.5	320.0	320.8	320.1
75°	317.7	334.2	352.3	368.2	381.9	390.4	396.3	401.2	405.2	406.2	405.8
72.5°	399.4	419.7	435.9	449.3	460.9	470.0	477.4	483.6	488.7	490.8	491.1
70°	479.6	499.7	515.2	528.8	540.1	549.6	558.4	565.9	572.1	576.7	580.1
67.5°	561.0	583.9	599.8	612.1	621.8	631.7	643.4	653.5	662.0	667.7	670.5
65°	644.5	668.1	683.5	696.9	708.8	721.3	734.3	743.9	750.2	754.1	756.6
62.5°	725.3	747.4	766.7	784.5	801.7	816.0	824.9	832.9	839.7	845.5	849.8
60°	794.8	823.0	844.5	861.6	878.4	894.6	905.6	914.2	921.0	926.0	929.2
57.5°	854.1	882.7	908.1	924.8	942.9	962.3	975.0	982.3	989.1	994.9	997.6
55°	905.8	932.3	955.7	978.5	998.9	1016.3	1029.8	1039.7	1047.9	1054.6	1056.7
52.5°	952.5	981.3	1008.8	1033.0	1053.0	1069.6	1083.0	1095.2	1104.6	1110.9	1113.8
50°	1001.5	1032.5	1061.9	1088.3	1108.9	1127.6	1144.3	1158.8	1172.6	1183.5	1191.3
47.5°	1049.6	1082.7	1115.2	1144.2	1169.0	1196.0	1220.4	1240.9	1261.1	1277.3	1288.6
45°	1098.2	1136.3	1171.7	1209.2	1242.7	1278.1	1311.1	1339.5	1368.7	1390.7	1405.6
42.5°	1152.2	1195.5	1238.1	1284.8	1330.4	1376.6	1426.5	1471.0	1505.4	1537.7	1563.9
40°	1210.0	1259.6	1315.2	1372.4	1439.6	1500.5	1567.6	1625.3	1677.3	1732.4	1776.2
37.5°	1271.7	1333.7	1406.7	1483.2	1570.1	1653.6	1741.2	1827.3	1902.4	1991.0	2058.7
35°	1339.9	1422.6	1512.5	1616.0	1724.2	1843.8	1963.6	2102.0	2221.2	2352.2	2466.5
32.5°	1420.5	1519.3	1637.2	1773.8	1912.9	2094.3	2263.8	2484.2	2674.7	2882.7	3092.2
30°	1503.5	1632.6	1784.9	1956.9	2178.0	2427.5	2705.5	3033.3	3371.3	3698.3	4092.8
27.5°	1606.4	1762.2	1946.5	2197.9	2523.3	2860.4	3338.6	3830.7	4451.9	4965.7	5690.2
25°	1713.3	1896.6	2158.5	2500.5	2925.1	3510.3	4235.9	5022.3	6115.3	7075.6	8201.9
22.5°	1829.6	2077.1	2403.1	2825.0	3469.0	4367.2	5465.8	6946.3	8558.5	10270.2	11972.8
20°	1950.8	2250.3	2677.4	3289.1	4172.6	5389.1	7275.2	9560.7	11863.9	14688.2	17189.1
17.5°	2091.1	2472.3	2998.7	3763.5	4942.7	6806.1	9422.6	12613.3	16186.6	20247.4	23852.8
15°	2208.0	2662.5	3327.0	4397.0	6018.8	8411.8	11711.5	16100.9	21470.4	26924.1	32457.2
12.5°	2343.8	2869.5	3649.8	4925.8	6962.6	10143.0	14634.3	20190.2	26896.1	34460.6	43378.2
10°	2464.3	3072.7	4042.8	5622.1	8111.3	11948.4	17399.3	24083.3	32737.4	43621.0	57430.6
7.5°	2553.6	3234.4	4346.1	6152.1	9104.4	13684.3	20011.6	28346.5	39342.9	53714.7	72667.3
5°	2611.6	3351.5	4560.7	6561.1	9881.7	14976.2	21926.2	31370.3	44636.6	64963.2	97057.0
2.5°	2646.2	3420.7	4683.2	6801.0	10354.5	15832.1	23382.8	33656.7	48067.4	71914.7	112744.0
0°	2661.7	3440.1	4756.5	6928.2	10512.4	16162.6	24051.7	34698.7	49602.5	73538.9	115502.1
-2.5°	2646.2	3420.7	4683.2	6801.0	10354.5	15832.1	23382.8	33656.7	48067.4	71914.7	112744.0
-5°	2611.6	3351.5	4560.7	6561.1	9881.7	14976.2	21926.2	31370.3	44636.6	64963.2	97057.0
-7.5°	2553.6	3234.4	4346.1	6152.1	9104.4	13684.3	20011.6	28346.5	39342.9	53714.7	72667.3
-10°	2464.3	3072.7	4042.8	5622.1	8111.3	11948.4	17399.3	24083.3	32737.4	43621.0	57430.6
-12.5°	2343.8	2869.5	3649.8	4925.8	6962.6	10143.0	14634.3	20190.2	26896.1	34460.6	43378.2
-15°	2208.0	2662.5	3327.0	4397.0	6018.8	8411.8	11711.5	16100.9	21470.4	26924.1	32457.2
-17.5°	2091.1	2472.3	2998.7	3763.5	4942.7	6806.1	9422.6	12613.3	16186.6	20247.4	23852.8
-20°	1950.8	2250.3	2677.4	3289.1	4172.6	5389.1	7275.2	9560.7	11863.9	14688.2	17189.1



REPORT NUMBER: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1829.6	2077.1	2403.1	2825.0	3469.0	4367.2	5465.8	6946.3	8558.5	10270.2	11972.8
-25°	1713.3	1896.6	2158.5	2500.5	2925.1	3510.3	4235.9	5022.3	6115.3	7075.6	8201.9
-27.5°	1606.4	1762.2	1946.5	2197.9	2523.3	2860.4	3338.6	3830.7	4451.9	4965.7	5690.2
-30°	1503.5	1632.6	1784.9	1956.9	2178.0	2427.5	2705.5	3033.3	3371.3	3698.3	4092.8
-32.5°	1420.5	1519.3	1637.2	1773.8	1912.9	2094.3	2263.8	2484.2	2674.7	2882.7	3092.2
-35°	1339.9	1422.6	1512.5	1616.0	1724.2	1843.8	1963.6	2102.0	2221.2	2352.2	2466.5
-37.5°	1271.7	1333.7	1406.7	1483.2	1570.1	1653.6	1741.2	1827.3	1902.4	1991.0	2058.7
-40°	1210.0	1259.6	1315.2	1372.4	1439.6	1500.5	1567.6	1625.3	1677.3	1732.4	1776.2
-42.5°	1152.2	1195.5	1238.1	1284.8	1330.4	1376.6	1426.5	1471.0	1505.4	1537.7	1563.9
-45°	1098.2	1136.3	1171.7	1209.2	1242.7	1278.1	1311.1	1339.5	1368.7	1390.7	1405.6
-47.5°	1049.6	1082.7	1115.2	1144.2	1169.0	1196.0	1220.4	1240.9	1261.1	1277.3	1288.6
-50°	1001.5	1032.5	1061.9	1088.3	1108.9	1127.6	1144.3	1158.8	1172.6	1183.5	1191.3
-52.5°	952.5	981.3	1008.8	1033.0	1053.0	1069.6	1083.0	1095.2	1104.6	1110.9	1113.8
-55°	905.8	932.3	955.7	978.5	998.9	1016.3	1029.8	1039.7	1047.9	1054.6	1056.7
-57.5°	854.1	882.7	908.1	924.8	942.9	962.3	975.0	982.3	989.1	994.9	997.6
-60°	794.8	823.0	844.5	861.6	878.4	894.6	905.6	914.2	921.0	926.0	929.2
-62.5°	725.3	747.4	766.7	784.5	801.7	816.0	824.9	832.9	839.7	845.5	849.8
-65°	644.5	668.1	683.5	696.9	708.8	721.3	734.3	743.9	750.2	754.1	756.6
-67.5°	561.0	583.9	599.8	612.1	621.8	631.7	643.4	653.5	662.0	667.7	670.5
-70°	479.6	499.7	515.2	528.8	540.1	549.6	558.4	565.9	572.1	576.7	580.1
-72.5°	399.4	419.7	435.9	449.3	460.9	470.0	477.4	483.6	488.7	490.8	491.1
-75°	317.7	334.2	352.3	368.2	381.9	390.4	396.3	401.2	405.2	406.2	405.8
-77.5°	247.5	260.3	273.6	286.7	299.5	306.9	312.1	316.5	320.0	320.8	320.1
-80°	184.2	192.5	200.7	208.9	216.9	221.8	225.3	228.0	229.8	230.6	230.8
-82.5°	126.6	131.6	136.2	140.5	144.4	148.0	151.2	154.0	156.5	156.3	155.5
-85°	75.1	78.0	80.6	83.0	85.3	87.3	89.1	90.7	92.2	91.0	89.6
-87.5°	31.5	32.4	33.3	34.1	34.8	35.5	36.1	36.6	37.1	35.2	33.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-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°	30.9	28.7	28.8	28.8	28.8	28.7	30.9	33.1	35.2	37.1	36.6
85°	87.9	86.1	86.4	86.5	86.4	86.1	87.9	89.6	91.0	92.2	90.7
82.5°	154.5	153.0	153.5	153.7	153.5	153.0	154.5	155.5	156.3	156.5	154.0
80°	230.5	229.5	225.6	221.0	225.6	229.5	230.5	230.8	230.6	229.8	228.0
77.5°	318.4	315.7	312.0	307.5	312.0	315.7	318.4	320.1	320.8	320.0	316.5
75°	404.4	401.9	403.1	403.6	403.1	401.9	404.4	405.8	406.2	405.2	401.2
72.5°	490.2	488.2	489.5	490.1	489.5	488.2	490.2	491.1	490.8	488.7	483.6
70°	582.4	583.5	580.9	576.5	580.9	583.5	582.4	580.1	576.7	572.1	565.9
67.5°	671.3	670.3	667.4	663.0	667.4	670.3	671.3	670.5	667.7	662.0	653.5
65°	757.5	756.6	758.2	759.1	758.2	756.6	757.5	756.6	754.1	750.2	743.9
62.5°	852.0	852.1	850.0	845.6	850.0	852.1	852.0	849.8	845.5	839.7	832.9
60°	930.4	929.7	927.1	922.5	927.1	929.7	930.4	929.2	926.0	921.0	914.2
57.5°	998.4	997.4	994.5	989.7	994.5	997.4	998.4	997.6	994.9	989.1	982.3
55°	1057.0	1055.6	1052.4	1047.4	1052.4	1055.6	1057.0	1056.7	1054.6	1047.9	1039.7
52.5°	1114.5	1113.3	1113.7	1114.7	1113.7	1113.3	1114.5	1113.8	1110.9	1104.6	1095.2
50°	1196.1	1197.7	1196.2	1191.5	1196.2	1197.7	1196.1	1191.3	1183.5	1172.6	1158.8
47.5°	1293.9	1294.5	1292.2	1287.6	1292.2	1294.5	1293.9	1288.6	1277.3	1261.1	1240.9
45°	1417.2	1424.2	1426.0	1422.2	1426.0	1424.2	1417.2	1405.6	1390.7	1368.7	1339.5
42.5°	1584.1	1594.9	1598.1	1595.1	1598.1	1594.9	1584.1	1563.9	1537.7	1505.4	1471.0
40°	1803.1	1815.5	1817.8	1816.1	1817.8	1815.5	1803.1	1776.2	1732.4	1677.3	1625.3
37.5°	2106.2	2136.5	2150.8	2152.5	2150.8	2136.5	2106.2	2058.7	1991.0	1902.4	1827.3
35°	2553.5	2613.8	2646.1	2661.7	2646.1	2613.8	2553.5	2466.5	2352.2	2221.2	2102.0
32.5°	3250.9	3371.7	3438.7	3430.5	3438.7	3371.7	3250.9	3092.2	2882.7	2674.7	2484.2
30°	4390.2	4601.4	4707.8	4679.7	4707.8	4601.4	4390.2	4092.8	3698.3	3371.3	3033.3
27.5°	6210.5	6592.4	6813.2	6784.1	6813.2	6592.4	6210.5	5690.2	4965.7	4451.9	3830.7
25°	9143.4	9840.4	10286.6	10176.1	10286.6	9840.4	9143.4	8201.9	7075.6	6115.3	5022.3
22.5°	13605.0	14785.7	15567.1	15470.7	15567.1	14785.7	13605.0	11972.8	10270.2	8558.5	6946.3
20°	19725.0	21522.2	22805.5	22975.5	22805.5	21522.2	19725.0	17189.1	14688.2	11863.9	9560.7
17.5°	27747.3	30596.8	32580.3	32911.4	32580.3	30596.8	27747.3	23852.8	20247.4	16186.6	12613.3
15°	38173.2	42830.6	46201.3	46479.5	46201.3	42830.6	38173.2	32457.2	26924.1	21470.4	16100.9
12.5°	52330.1	61697.5	67811.0	70502.4	67811.0	61697.5	52330.1	43378.2	34460.6	26896.1	20190.2
10°	71922.6	93438.8	107218.2	112398.3	107218.2	93438.8	71922.6	57430.6	43621.0	32737.4	24083.3
7.5°	104648.0	138429.0	175984.6	191991.0	175984.6	138429.0	104648.0	72667.3	53714.7	39342.9	28346.5
5°	141706.8	211815.9	278502.1	304543.0	278502.1	211815.9	141706.8	97057.0	64963.2	44636.6	31370.3
2.5°	180702.2	278424.1	369997.1	405809.2	369997.1	278424.1	180702.2	112744.0	71914.7	48067.4	33656.7
0°	195930.8	307589.1	408341.2	448497.8	408341.2	307589.1	195930.8	115502.1	73538.9	49602.5	34698.7
-2.5°	180702.2	278424.1	369997.1	405809.2	369997.1	278424.1	180702.2	112744.0	71914.7	48067.4	33656.7
-5°	141706.8	211815.9	278502.1	304543.0	278502.1	211815.9	141706.8	97057.0	64963.2	44636.6	31370.3
-7.5°	104648.0	138429.0	175984.6	191991.0	175984.6	138429.0	104648.0	72667.3	53714.7	39342.9	28346.5
-10°	71922.6	93438.8	107218.2	112398.3	107218.2	93438.8	71922.6	57430.6	43621.0	32737.4	24083.3
-12.5°	52330.1	61697.5	67811.0	70502.4	67811.0	61697.5	52330.1	43378.2	34460.6	26896.1	20190.2
-15°	38173.2	42830.6	46201.3	46479.5	46201.3	42830.6	38173.2	32457.2	26924.1	21470.4	16100.9
-17.5°	27747.3	30596.8	32580.3	32911.4	32580.3	30596.8	27747.3	23852.8	20247.4	16186.6	12613.3
-20°	19725.0	21522.2	22805.5	22975.5	22805.5	21522.2	19725.0	17189.1	14688.2	11863.9	9560.7



REPORT NUMBER: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13605.0	14785.7	15567.1	15470.7	15567.1	14785.7	13605.0	11972.8	10270.2	8558.5	6946.3
-25°	9143.4	9840.4	10286.6	10176.1	10286.6	9840.4	9143.4	8201.9	7075.6	6115.3	5022.3
-27.5°	6210.5	6592.4	6813.2	6784.1	6813.2	6592.4	6210.5	5690.2	4965.7	4451.9	3830.7
-30°	4390.2	4601.4	4707.8	4679.7	4707.8	4601.4	4390.2	4092.8	3698.3	3371.3	3033.3
-32.5°	3250.9	3371.7	3438.7	3430.5	3438.7	3371.7	3250.9	3092.2	2882.7	2674.7	2484.2
-35°	2553.5	2613.8	2646.1	2661.7	2646.1	2613.8	2553.5	2466.5	2352.2	2221.2	2102.0
-37.5°	2106.2	2136.5	2150.8	2152.5	2150.8	2136.5	2106.2	2058.7	1991.0	1902.4	1827.3
-40°	1803.1	1815.5	1817.8	1816.1	1817.8	1815.5	1803.1	1776.2	1732.4	1677.3	1625.3
-42.5°	1584.1	1594.9	1598.1	1595.1	1598.1	1594.9	1584.1	1563.9	1537.7	1505.4	1471.0
-45°	1417.2	1424.2	1426.0	1422.2	1426.0	1424.2	1417.2	1405.6	1390.7	1368.7	1339.5
-47.5°	1293.9	1294.5	1292.2	1287.6	1292.2	1294.5	1293.9	1288.6	1277.3	1261.1	1240.9
-50°	1196.1	1197.7	1196.2	1191.5	1196.2	1197.7	1196.1	1191.3	1183.5	1172.6	1158.8
-52.5°	1114.5	1113.3	1113.7	1114.7	1113.7	1113.3	1114.5	1113.8	1110.9	1104.6	1095.2
-55°	1057.0	1055.6	1052.4	1047.4	1052.4	1055.6	1057.0	1056.7	1054.6	1047.9	1039.7
-57.5°	998.4	997.4	994.5	989.7	994.5	997.4	998.4	997.6	994.9	989.1	982.3
-60°	930.4	929.7	927.1	922.5	927.1	929.7	930.4	929.2	926.0	921.0	914.2
-62.5°	852.0	852.1	850.0	845.6	850.0	852.1	852.0	849.8	845.5	839.7	832.9
-65°	757.5	756.6	758.2	759.1	758.2	756.6	757.5	756.6	754.1	750.2	743.9
-67.5°	671.3	670.3	667.4	663.0	667.4	670.3	671.3	670.5	667.7	662.0	653.5
-70°	582.4	583.5	580.9	576.5	580.9	583.5	582.4	580.1	576.7	572.1	565.9
-72.5°	490.2	488.2	489.5	490.1	489.5	488.2	490.2	491.1	490.8	488.7	483.6
-75°	404.4	401.9	403.1	403.6	403.1	401.9	404.4	405.8	406.2	405.2	401.2
-77.5°	318.4	315.7	312.0	307.5	312.0	315.7	318.4	320.1	320.8	320.0	316.5
-80°	230.5	229.5	225.6	221.0	225.6	229.5	230.5	230.8	230.6	229.8	228.0
-82.5°	154.5	153.0	153.5	153.7	153.5	153.0	154.5	155.5	156.3	156.5	154.0
-85°	87.9	86.1	86.4	86.5	86.4	86.1	87.9	89.6	91.0	92.2	90.7
-87.5°	30.9	28.7	28.8	28.8	28.8	28.7	30.9	33.1	35.2	37.1	36.6
-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: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-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°	36.1	35.5	34.8	34.1	33.3	32.4	31.5	30.5	29.4	28.3	27.1
85°	89.1	87.3	85.3	83.0	80.6	78.0	75.1	70.7	66.5	62.3	58.3
82.5°	151.2	148.0	144.4	140.5	136.2	131.6	126.6	119.9	112.4	104.3	95.8
80°	225.3	221.8	216.9	208.9	200.7	192.5	184.2	176.3	167.8	159.1	149.7
77.5°	312.1	306.9	299.5	286.7	273.6	260.3	247.5	236.7	226.2	215.1	203.4
75°	396.3	390.4	381.9	368.2	352.3	334.2	317.7	304.2	289.9	274.8	259.1
72.5°	477.4	470.0	460.9	449.3	435.9	419.7	399.4	377.9	357.3	337.7	319.0
70°	558.4	549.6	540.1	528.8	515.2	499.7	479.6	455.3	427.7	400.7	380.5
67.5°	643.4	631.7	621.8	612.1	599.8	583.9	561.0	535.9	508.6	477.4	448.6
65°	734.3	721.3	708.8	696.9	683.5	668.1	644.5	616.9	587.2	556.2	523.6
62.5°	824.9	816.0	801.7	784.5	766.7	747.4	725.3	698.2	666.3	630.1	594.3
60°	905.6	894.6	878.4	861.6	844.5	823.0	794.8	769.8	748.4	707.4	664.5
57.5°	975.0	962.3	942.9	924.8	908.1	882.7	854.1	825.8	798.1	769.8	732.9
55°	1029.8	1016.3	998.9	978.5	955.7	932.3	905.8	875.7	846.4	820.4	786.4
52.5°	1083.0	1069.6	1053.0	1033.0	1008.8	981.3	952.5	922.5	894.9	868.3	837.7
50°	1144.3	1127.6	1108.9	1088.3	1061.9	1032.5	1001.5	969.1	940.8	913.5	884.7
47.5°	1220.4	1196.0	1169.0	1144.2	1115.2	1082.7	1049.6	1017.3	986.3	954.1	925.0
45°	1311.1	1278.1	1242.7	1209.2	1171.7	1136.3	1098.2	1064.5	1031.3	996.6	960.6
42.5°	1426.5	1376.6	1330.4	1284.8	1238.1	1195.5	1152.2	1112.7	1075.3	1038.3	999.6
40°	1567.6	1500.5	1439.6	1372.4	1315.2	1259.6	1210.0	1160.6	1119.0	1078.9	1036.2
37.5°	1741.2	1653.6	1570.1	1483.2	1406.7	1333.7	1271.7	1214.8	1160.7	1116.9	1071.9
35°	1963.6	1843.8	1724.2	1616.0	1512.5	1422.6	1339.9	1271.7	1210.0	1153.4	1106.1
32.5°	2263.8	2094.3	1912.9	1773.8	1637.2	1519.3	1420.5	1333.7	1259.6	1195.5	1138.7
30°	2705.5	2427.5	2178.0	1956.9	1784.9	1632.6	1503.5	1403.2	1315.2	1238.1	1171.7
27.5°	3338.6	2860.4	2523.3	2197.9	1946.5	1762.2	1606.4	1474.6	1371.2	1284.8	1208.6
25°	4235.9	3510.3	2925.1	2500.5	2158.5	1896.6	1713.3	1560.5	1433.9	1329.9	1238.2
22.5°	5465.8	4367.2	3469.0	2825.0	2403.1	2077.1	1829.6	1645.4	1491.3	1369.3	1269.7
20°	7275.2	5389.1	4172.6	3289.1	2677.4	2250.3	1950.8	1734.0	1555.8	1410.3	1297.1
17.5°	9422.6	6806.1	4942.7	3763.5	2998.7	2472.3	2091.1	1815.5	1614.4	1446.0	1319.5
15°	11711.5	8411.8	6018.8	4397.0	3327.0	2662.5	2208.0	1887.7	1670.3	1485.4	1347.2
12.5°	14634.3	10143.0	6962.6	4925.8	3649.8	2869.5	2343.8	1979.2	1725.2	1527.8	1376.1
10°	17399.3	11948.4	8111.3	5622.1	4042.8	3072.7	2464.3	2049.6	1767.7	1561.6	1399.6
7.5°	20011.6	13684.3	9104.4	6152.1	4346.1	3234.4	2553.6	2100.4	1797.9	1585.2	1417.5
5°	21926.2	14976.2	9881.7	6561.1	4560.7	3351.5	2611.6	2132.0	1815.9	1599.1	1429.7
2.5°	23382.8	15832.1	10354.5	6801.0	4683.2	3420.7	2646.2	2156.2	1833.4	1610.3	1443.2
0°	24051.7	16162.6	10512.4	6928.2	4756.5	3440.1	2661.7	2171.7	1845.0	1614.3	1451.0
-2.5°	23382.8	15832.1	10354.5	6801.0	4683.2	3420.7	2646.2	2156.2	1833.4	1610.3	1443.2
-5°	21926.2	14976.2	9881.7	6561.1	4560.7	3351.5	2611.6	2132.0	1815.9	1599.1	1429.7
-7.5°	20011.6	13684.3	9104.4	6152.1	4346.1	3234.4	2553.6	2100.4	1797.9	1585.2	1417.5
-10°	17399.3	11948.4	8111.3	5622.1	4042.8	3072.7	2464.3	2049.6	1767.7	1561.6	1399.6
-12.5°	14634.3	10143.0	6962.6	4925.8	3649.8	2869.5	2343.8	1979.2	1725.2	1527.8	1376.1
-15°	11711.5	8411.8	6018.8	4397.0	3327.0	2662.5	2208.0	1887.7	1670.3	1485.4	1347.2
-17.5°	9422.6	6806.1	4942.7	3763.5	2998.7	2472.3	2091.1	1815.5	1614.4	1446.0	1319.5
-20°	7275.2	5389.1	4172.6	3289.1	2677.4	2250.3	1950.8	1734.0	1555.8	1410.3	1297.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5465.8	4367.2	3469.0	2825.0	2403.1	2077.1	1829.6	1645.4	1491.3	1369.3	1269.7
-25°	4235.9	3510.3	2925.1	2500.5	2158.5	1896.6	1713.3	1560.5	1433.9	1329.9	1238.2
-27.5°	3338.6	2860.4	2523.3	2197.9	1946.5	1762.2	1606.4	1474.6	1371.2	1284.8	1208.6
-30°	2705.5	2427.5	2178.0	1956.9	1784.9	1632.6	1503.5	1403.2	1315.2	1238.1	1171.7
-32.5°	2263.8	2094.3	1912.9	1773.8	1637.2	1519.3	1420.5	1333.7	1259.6	1195.5	1138.7
-35°	1963.6	1843.8	1724.2	1616.0	1512.5	1422.6	1339.9	1271.7	1210.0	1153.4	1106.1
-37.5°	1741.2	1653.6	1570.1	1483.2	1406.7	1333.7	1271.7	1214.8	1160.7	1116.9	1071.9
-40°	1567.6	1500.5	1439.6	1372.4	1315.2	1259.6	1210.0	1160.6	1119.0	1078.9	1036.2
-42.5°	1426.5	1376.6	1330.4	1284.8	1238.1	1195.5	1152.2	1112.7	1075.3	1038.3	999.6
-45°	1311.1	1278.1	1242.7	1209.2	1171.7	1136.3	1098.2	1064.5	1031.3	996.6	960.6
-47.5°	1220.4	1196.0	1169.0	1144.2	1115.2	1082.7	1049.6	1017.3	986.3	954.1	925.0
-50°	1144.3	1127.6	1108.9	1088.3	1061.9	1032.5	1001.5	969.1	940.8	913.5	884.7
-52.5°	1083.0	1069.6	1053.0	1033.0	1008.8	981.3	952.5	922.5	894.9	868.3	837.7
-55°	1029.8	1016.3	998.9	978.5	955.7	932.3	905.8	875.7	846.4	820.4	786.4
-57.5°	975.0	962.3	942.9	924.8	908.1	882.7	854.1	825.8	798.1	769.8	732.9
-60°	905.6	894.6	878.4	861.6	844.5	823.0	794.8	769.8	748.4	707.4	664.5
-62.5°	824.9	816.0	801.7	784.5	766.7	747.4	725.3	698.2	666.3	630.1	594.3
-65°	734.3	721.3	708.8	696.9	683.5	668.1	644.5	616.9	587.2	556.2	523.6
-67.5°	643.4	631.7	621.8	612.1	599.8	583.9	561.0	535.9	508.6	477.4	448.6
-70°	558.4	549.6	540.1	528.8	515.2	499.7	479.6	455.3	427.7	400.7	380.5
-72.5°	477.4	470.0	460.9	449.3	435.9	419.7	399.4	377.9	357.3	337.7	319.0
-75°	396.3	390.4	381.9	368.2	352.3	334.2	317.7	304.2	289.9	274.8	259.1
-77.5°	312.1	306.9	299.5	286.7	273.6	260.3	247.5	236.7	226.2	215.1	203.4
-80°	225.3	221.8	216.9	208.9	200.7	192.5	184.2	176.3	167.8	159.1	149.7
-82.5°	151.2	148.0	144.4	140.5	136.2	131.6	126.6	119.9	112.4	104.3	95.8
-85°	89.1	87.3	85.3	83.0	80.6	78.0	75.1	70.7	66.5	62.3	58.3
-87.5°	36.1	35.5	34.8	34.1	33.3	32.4	31.5	30.5	29.4	28.3	27.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-NR-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°	25.9	24.7	23.4	22.0	20.6	19.2	17.7	16.2	14.7	13.1	11.5
85°	56.1	53.5	50.4	46.8	42.6	38.4	35.4	32.4	29.4	26.2	23.1
82.5°	90.9	87.6	84.1	79.8	73.5	67.1	60.4	53.7	46.8	39.8	34.6
80°	140.8	132.1	123.7	115.4	105.6	95.7	86.8	77.8	68.6	59.3	49.8
77.5°	191.3	178.7	165.6	153.5	141.3	128.7	115.9	102.8	90.4	78.7	66.8
75°	242.6	227.2	211.5	195.3	178.6	161.7	146.3	130.5	114.5	98.2	83.7
72.5°	299.8	279.8	259.2	238.1	218.6	198.6	178.2	158.0	139.4	120.4	101.2
70°	359.3	334.7	310.0	286.5	261.5	235.5	212.1	188.3	164.0	142.3	120.4
67.5°	421.7	396.5	367.5	336.2	308.0	278.6	247.0	218.9	191.7	164.0	139.4
65°	490.2	458.7	428.5	392.3	356.7	322.5	288.2	251.1	218.9	188.3	158.0
62.5°	557.1	519.2	483.0	445.7	406.9	367.6	328.8	287.2	246.7	212.1	178.2
60°	623.3	581.2	536.3	494.0	453.5	412.0	368.0	322.2	277.8	235.5	198.6
57.5°	686.2	642.1	591.2	541.7	496.2	452.8	405.8	356.1	307.8	261.1	218.5
55°	744.8	695.6	642.8	589.0	537.8	490.2	441.4	388.7	336.8	286.4	237.6
52.5°	798.8	747.3	691.0	633.9	577.9	526.2	474.7	420.0	364.6	310.9	258.2
50°	849.0	798.6	738.7	677.5	616.2	561.5	507.4	450.1	391.1	334.2	278.4
47.5°	892.5	844.7	786.8	720.5	655.2	596.3	539.5	479.5	416.4	356.5	297.9
45°	928.0	887.4	831.7	765.0	694.9	632.5	571.0	508.2	442.3	377.9	316.6
42.5°	961.0	923.1	872.9	808.5	735.8	668.1	601.9	536.2	467.4	398.4	334.5
40°	994.6	954.5	911.1	846.3	774.0	702.3	632.9	563.4	491.7	418.6	351.6
37.5°	1026.0	984.3	940.3	881.5	808.4	734.5	662.7	589.8	514.4	438.7	367.8
35°	1057.8	1011.2	965.7	909.0	838.4	763.8	690.9	615.1	535.7	457.4	383.0
32.5°	1088.3	1036.1	987.0	931.5	865.7	790.2	716.2	637.2	555.7	474.6	397.4
30°	1116.1	1059.4	1007.5	953.3	889.0	813.2	737.5	657.2	574.3	490.4	410.8
27.5°	1138.4	1078.7	1027.1	971.9	907.5	833.8	756.2	675.2	591.4	505.0	423.6
25°	1160.5	1096.6	1042.6	989.0	925.0	854.7	773.7	691.1	606.4	518.7	435.1
22.5°	1185.1	1113.2	1054.8	1005.1	942.9	874.8	790.2	705.0	619.3	531.1	445.3
20°	1206.9	1127.6	1064.0	1017.9	957.1	889.8	806.0	717.5	630.5	542.1	454.3
17.5°	1226.0	1143.0	1076.0	1025.4	968.2	902.6	820.5	728.6	640.0	551.6	461.9
15°	1245.9	1159.1	1086.7	1031.5	977.2	913.4	833.7	738.1	647.6	559.7	468.7
12.5°	1263.7	1172.2	1095.3	1036.2	984.1	922.1	845.4	746.1	653.5	566.5	474.9
10°	1278.4	1182.3	1101.8	1039.5	988.9	928.8	855.3	753.7	659.9	571.7	480.2
7.5°	1290.0	1189.3	1106.0	1041.3	992.2	934.1	863.8	762.6	665.3	575.2	484.4
5°	1298.4	1194.9	1112.5	1047.2	996.2	938.3	869.8	769.7	669.3	577.2	487.5
2.5°	1304.7	1199.6	1119.5	1052.8	998.6	940.9	873.3	775.0	671.7	577.6	489.4
0°	1306.8	1201.1	1124.3	1057.0	999.4	941.7	874.4	778.3	672.6	576.5	490.1
-2.5°	1304.7	1199.6	1119.5	1052.8	998.6	940.9	873.3	775.0	671.7	577.6	489.4
-5°	1298.4	1194.9	1112.5	1047.2	996.2	938.3	869.8	769.7	669.3	577.2	487.5
-7.5°	1290.0	1189.3	1106.0	1041.3	992.2	934.1	863.8	762.6	665.3	575.2	484.4
-10°	1278.4	1182.3	1101.8	1039.5	988.9	928.8	855.3	753.7	659.9	571.7	480.2
-12.5°	1263.7	1172.2	1095.3	1036.2	984.1	922.1	845.4	746.1	653.5	566.5	474.9
-15°	1245.9	1159.1	1086.7	1031.5	977.2	913.4	833.7	738.1	647.6	559.7	468.7
-17.5°	1226.0	1143.0	1076.0	1025.4	968.2	902.6	820.5	728.6	640.0	551.6	461.9
-20°	1206.9	1127.6	1064.0	1017.9	957.1	889.8	806.0	717.5	630.5	542.1	454.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1185.1	1113.2	1054.8	1005.1	942.9	874.8	790.2	705.0	619.3	531.1	445.3
-25°	1160.5	1096.6	1042.6	989.0	925.0	854.7	773.7	691.1	606.4	518.7	435.1
-27.5°	1138.4	1078.7	1027.1	971.9	907.5	833.8	756.2	675.2	591.4	505.0	423.6
-30°	1116.1	1059.4	1007.5	953.3	889.0	813.2	737.5	657.2	574.3	490.4	410.8
-32.5°	1088.3	1036.1	987.0	931.5	865.7	790.2	716.2	637.2	555.7	474.6	397.4
-35°	1057.8	1011.2	965.7	909.0	838.4	763.8	690.9	615.1	535.7	457.4	383.0
-37.5°	1026.0	984.3	940.3	881.5	808.4	734.5	662.7	589.8	514.4	438.7	367.8
-40°	994.6	954.5	911.1	846.3	774.0	702.3	632.9	563.4	491.7	418.6	351.6
-42.5°	961.0	923.1	872.9	808.5	735.8	668.1	601.9	536.2	467.4	398.4	334.5
-45°	928.0	887.4	831.7	765.0	694.9	632.5	571.0	508.2	442.3	377.9	316.6
-47.5°	892.5	844.7	786.8	720.5	655.2	596.3	539.5	479.5	416.4	356.5	297.9
-50°	849.0	798.6	738.7	677.5	616.2	561.5	507.4	450.1	391.1	334.2	278.4
-52.5°	798.8	747.3	691.0	633.9	577.9	526.2	474.7	420.0	364.6	310.9	258.2
-55°	744.8	695.6	642.8	589.0	537.8	490.2	441.4	388.7	336.8	286.4	237.6
-57.5°	686.2	642.1	591.2	541.7	496.2	452.8	405.8	356.1	307.8	261.1	218.5
-60°	623.3	581.2	536.3	494.0	453.5	412.0	368.0	322.2	277.8	235.5	198.6
-62.5°	557.1	519.2	483.0	445.7	406.9	367.6	328.8	287.2	246.7	212.1	178.2
-65°	490.2	458.7	428.5	392.3	356.7	322.5	288.2	251.1	218.9	188.3	158.0
-67.5°	421.7	396.5	367.5	336.2	308.0	278.6	247.0	218.9	191.7	164.0	139.4
-70°	359.3	334.7	310.0	286.5	261.5	235.5	212.1	188.3	164.0	142.3	120.4
-72.5°	299.8	279.8	259.2	238.1	218.6	198.6	178.2	158.0	139.4	120.4	101.2
-75°	242.6	227.2	211.5	195.3	178.6	161.7	146.3	130.5	114.5	98.2	83.7
-77.5°	191.3	178.7	165.6	153.5	141.3	128.7	115.9	102.8	90.4	78.7	66.8
-80°	140.8	132.1	123.7	115.4	105.6	95.7	86.8	77.8	68.6	59.3	49.8
-82.5°	90.9	87.6	84.1	79.8	73.5	67.1	60.4	53.7	46.8	39.8	34.6
-85°	56.1	53.5	50.4	46.8	42.6	38.4	35.4	32.4	29.4	26.2	23.1
-87.5°	25.9	24.7	23.4	22.0	20.6	19.2	17.7	16.2	14.7	13.1	11.5
-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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Scaled Data Report



REPORT NUMBER: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-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°	9.9	8.3	6.7	5.0	3.3	1.5	0.0
85°	19.9	16.6	13.3	10.0	6.7	2.9	0.0
82.5°	29.7	24.9	19.9	15.0	10.0	4.4	0.0
80°	40.1	33.1	26.5	19.9	13.3	5.8	0.0
77.5°	54.7	42.5	33.1	24.9	16.5	7.2	0.0
75°	69.1	54.0	40.0	29.7	19.7	8.7	0.0
72.5°	83.2	65.4	48.7	34.6	22.8	10.0	0.0
70°	97.4	76.5	57.3	39.6	25.8	11.4	0.0
67.5°	113.5	87.4	65.7	45.7	28.8	12.7	0.0
65°	129.2	99.3	73.9	51.6	31.7	14.0	0.0
62.5°	144.7	112.2	81.9	57.4	34.4	15.3	0.0
60°	159.8	124.8	89.6	63.0	37.1	16.5	0.0
57.5°	176.4	137.0	99.3	68.5	40.6	17.6	0.0
55°	192.7	148.9	108.8	73.7	44.0	18.8	0.0
52.5°	208.6	160.7	118.1	78.7	47.3	19.8	0.0
50°	223.9	173.5	127.0	83.6	50.5	20.9	0.0
47.5°	239.0	185.8	135.5	88.6	53.6	21.8	0.0
45°	255.0	197.6	143.7	94.8	56.6	22.8	0.0
42.5°	270.3	208.8	151.6	100.6	59.6	23.6	0.0
40°	284.9	219.6	159.6	106.4	62.4	24.4	0.0
37.5°	298.7	229.7	167.7	111.9	65.0	25.2	0.0
35°	311.7	240.1	175.3	117.1	67.6	25.8	0.0
32.5°	323.9	250.2	182.4	122.0	70.0	26.5	0.0
30°	335.3	259.7	189.1	126.6	72.3	27.0	0.0
27.5°	345.8	268.4	195.5	130.8	74.4	27.5	0.0
25°	355.4	276.4	201.5	134.7	76.4	27.9	0.0
22.5°	364.1	283.5	207.0	138.3	78.3	28.3	0.0
20°	371.9	289.7	211.9	141.5	79.9	28.6	0.0
17.5°	378.3	295.0	216.2	144.3	81.4	28.8	0.0
15°	383.5	299.4	220.0	146.8	82.7	29.0	0.0
12.5°	387.8	302.9	223.2	148.9	83.9	29.1	0.0
10°	391.0	305.5	225.9	150.6	84.8	29.2	0.0
7.5°	393.3	307.2	227.9	152.0	85.5	29.2	0.0
5°	394.5	308.1	229.4	152.9	86.1	29.1	0.0
2.5°	394.8	308.2	230.3	153.5	86.4	29.0	0.0
0°	394.0	307.5	230.6	153.7	86.5	28.8	0.0
-2.5°	394.8	308.2	230.3	153.5	86.4	29.0	0.0
-5°	394.5	308.1	229.4	152.9	86.1	29.1	0.0
-7.5°	393.3	307.2	227.9	152.0	85.5	29.2	0.0
-10°	391.0	305.5	225.9	150.6	84.8	29.2	0.0
-12.5°	387.8	302.9	223.2	148.9	83.9	29.1	0.0
-15°	383.5	299.4	220.0	146.8	82.7	29.0	0.0
-17.5°	378.3	295.0	216.2	144.3	81.4	28.8	0.0
-20°	371.9	289.7	211.9	141.5	79.9	28.6	0.0

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Scaled Data Report



REPORT NUMBER: P627949 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	364.1	283.5	207.0	138.3	78.3	28.3	0.0
-25°	355.4	276.4	201.5	134.7	76.4	27.9	0.0
-27.5°	345.8	268.4	195.5	130.8	74.4	27.5	0.0
-30°	335.3	259.7	189.1	126.6	72.3	27.0	0.0
-32.5°	323.9	250.2	182.4	122.0	70.0	26.5	0.0
-35°	311.7	240.1	175.3	117.1	67.6	25.8	0.0
-37.5°	298.7	229.7	167.7	111.9	65.0	25.2	0.0
-40°	284.9	219.6	159.6	106.4	62.4	24.4	0.0
-42.5°	270.3	208.8	151.6	100.6	59.6	23.6	0.0
-45°	255.0	197.6	143.7	94.8	56.6	22.8	0.0
-47.5°	239.0	185.8	135.5	88.6	53.6	21.8	0.0
-50°	223.9	173.5	127.0	83.6	50.5	20.9	0.0
-52.5°	208.6	160.7	118.1	78.7	47.3	19.8	0.0
-55°	192.7	148.9	108.8	73.7	44.0	18.8	0.0
-57.5°	176.4	137.0	99.3	68.5	40.6	17.6	0.0
-60°	159.8	124.8	89.6	63.0	37.1	16.5	0.0
-62.5°	144.7	112.2	81.9	57.4	34.4	15.3	0.0
-65°	129.2	99.3	73.9	51.6	31.7	14.0	0.0
-67.5°	113.5	87.4	65.7	45.7	28.8	12.7	0.0
-70°	97.4	76.5	57.3	39.6	25.8	11.4	0.0
-72.5°	83.2	65.4	48.7	34.6	22.8	10.0	0.0
-75°	69.1	54.0	40.0	29.7	19.7	8.7	0.0
-77.5°	54.7	42.5	33.1	24.9	16.5	7.2	0.0
-80°	40.1	33.1	26.5	19.9	13.3	5.8	0.0
-82.5°	29.7	24.9	19.9	15.0	10.0	4.4	0.0
-85°	19.9	16.6	13.3	10.0	6.7	2.9	0.0
-87.5°	9.9	8.3	6.7	5.0	3.3	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)