

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: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627779 (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-SA5E-750-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N128
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

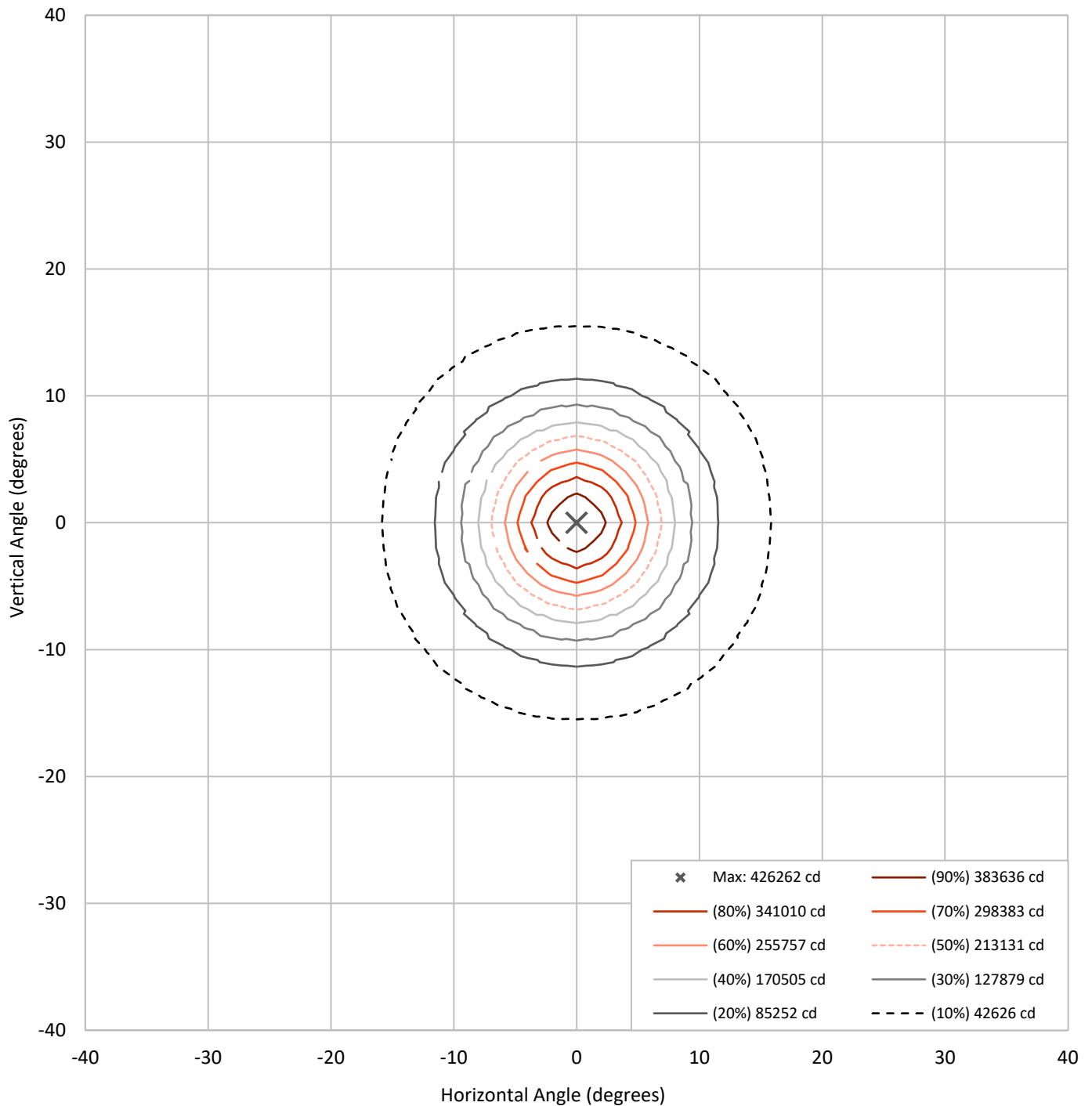
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	45262.8 lumens	Max Intensity:	426262 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.3 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:	13382.2 lumens	Field Lumens:	30115.4 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	313.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





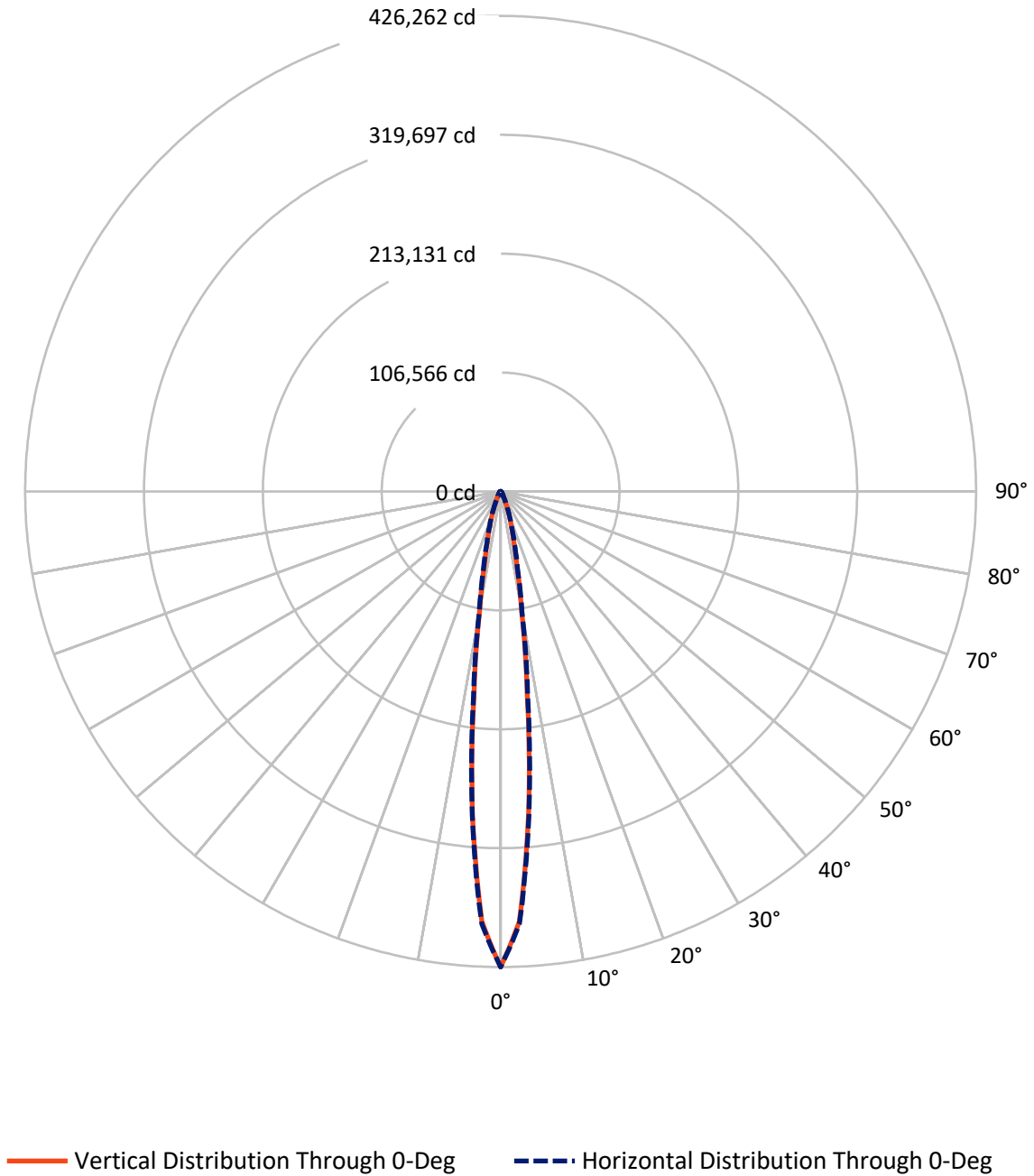
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Lumen Table

90	0.8	6.2	16.3	26.3	28.8	26.3	16.3	6.2	0.8							
80	0.8	6.2	16.3	26.3	28.8	26.3	16.3	6.2	0.8							
70	2.8	3.2	6.5	10.7	15.2	18.6	20.9	21.8	21.8	20.9	18.6	15.2	10.7	6.5	3.2	2.8
60		4.8	9.8	15.9	21.4	26.1	29.2	30.4	30.4	29.2	26.1	21.4	15.9	9.8	4.8	
50	4.9	6.3	12.7	19.7	26.2	32.9	38.8	41.8	41.8	38.8	32.9	26.2	19.7	12.7	6.3	4.9
40		7.6	15.0	22.7	32.2	46.3	65.2	80.8	80.8	65.2	46.3	32.2	22.7	15.0	7.6	
30	6.4	8.5	16.4	25.6	41.7	82.7	188.3	311.7	311.7	188.3	82.7	41.7	25.6	16.4	8.5	6.4
20		9.1	17.2	28.2	55.3	175.6	623.6	1343.0	1343.0	623.6	175.6	55.3	28.2	17.2	9.1	
10	6.9	9.5	17.6	29.9	66.8	289.4	1355.5	5855.8	5855.8	1355.5	289.4	66.8	29.9	17.6	9.5	6.9
0		9.5	17.6	29.9	66.8	289.4	1355.5	5855.8	5855.8	1355.5	289.4	66.8	29.9	17.6	9.5	
-10	6.4	9.1	17.2	28.2	55.3	175.6	623.6	1343.0	1343.0	623.6	175.6	55.3	28.2	17.2	9.1	6.4
-20		8.5	16.4	25.6	41.7	82.7	188.3	311.7	311.7	188.3	82.7	41.7	25.6	16.4	8.5	
-30	4.9	7.6	15.0	22.7	32.2	46.3	65.2	80.8	80.8	65.2	46.3	32.2	22.7	15.0	7.6	4.9
-40		6.3	12.7	19.7	26.2	32.9	38.8	41.8	41.8	38.8	32.9	26.2	19.7	12.7	6.3	
-50	2.8	4.8	9.8	15.9	21.4	26.1	29.2	30.4	30.4	29.2	26.1	21.4	15.9	9.8	4.8	2.8
-60		3.2	6.5	10.7	15.2	18.6	20.9	21.8	21.8	20.9	18.6	15.2	10.7	6.5	3.2	
-70	0.8	6.2	16.3	26.3	28.8	26.3	16.3	6.2	0.8							
-80		0.8	6.2	16.3	26.3	28.8	26.3	16.3	6.2	0.8						
-90	0.8	6.2	16.3	26.3	28.8	26.3	16.3	6.2	0.8							

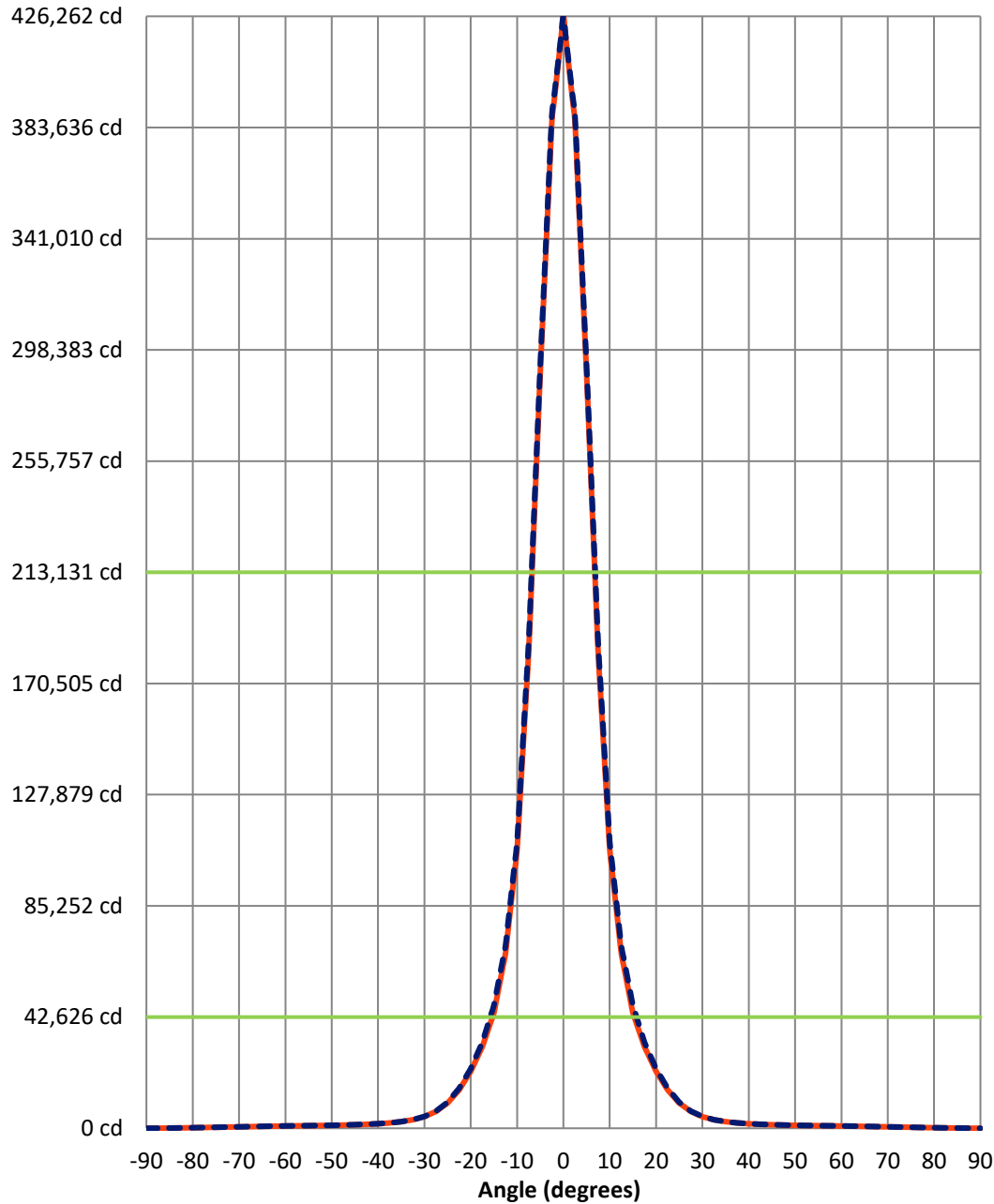
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 13382.2
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 30115.4
 Efficiency: 66.5%

Spill:
 Lumens: 15147.4
 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	1.4	3.2	4.8	6.3	7.9	9.4	11.0	12.5	14.0	15.4
85°	0.0	2.8	6.3	9.5	12.7	15.8	18.9	21.9	24.9	27.9	30.8
82.5°	0.0	4.2	9.5	14.3	19.0	23.6	28.3	32.8	37.8	44.5	51.0
80°	0.0	5.5	12.6	19.0	25.2	31.4	38.2	47.3	56.3	65.2	74.0
77.5°	0.0	6.9	15.7	23.6	31.4	40.4	52.0	63.5	74.8	85.8	97.7
75°	0.0	8.2	18.7	28.3	38.0	51.3	65.7	79.5	93.3	108.8	124.1
72.5°	0.0	9.5	21.7	32.8	46.3	62.1	79.1	96.1	114.4	132.5	150.2
70°	0.0	10.8	24.6	37.6	54.5	72.7	92.5	114.4	135.3	155.9	179.0
67.5°	0.0	12.1	27.4	43.4	62.5	83.0	107.8	132.5	155.9	182.2	208.1
65°	0.0	13.3	30.1	49.0	70.3	94.3	122.8	150.2	179.0	208.1	238.6
62.5°	0.0	14.5	32.7	54.5	77.8	106.6	137.5	169.4	201.6	234.5	272.9
60°	0.0	15.7	35.3	59.9	85.2	118.6	151.9	188.8	223.8	264.0	306.2
57.5°	0.0	16.8	38.5	65.1	94.4	130.2	167.6	207.7	248.1	292.5	338.4
55°	0.0	17.9	41.8	70.0	103.4	141.5	183.2	225.8	272.2	320.1	369.5
52.5°	0.0	18.9	44.9	74.8	112.2	152.8	198.3	245.4	295.4	346.5	399.2
50°	0.0	19.8	48.0	79.4	120.7	164.9	212.8	264.6	317.6	371.7	427.8
47.5°	0.0	20.8	51.0	84.2	128.8	176.6	227.1	283.2	338.8	395.8	455.7
45°	0.0	21.6	53.8	90.0	136.6	187.8	242.3	300.9	359.2	420.3	483.0
42.5°	0.0	22.5	56.6	95.6	144.1	198.5	256.9	318.0	378.7	444.2	509.6
40°	0.0	23.2	59.3	101.1	151.7	208.7	270.7	334.2	397.8	467.3	535.5
37.5°	0.0	23.9	61.8	106.3	159.4	218.4	283.9	349.5	416.9	488.8	560.5
35°	0.0	24.6	64.2	111.3	166.6	228.2	296.3	364.0	434.7	509.1	584.6
32.5°	0.0	25.2	66.5	115.9	173.4	237.9	307.9	377.7	451.1	528.1	605.6
30°	0.0	25.7	68.7	120.3	179.7	246.8	318.7	390.5	466.1	545.8	624.6
27.5°	0.0	26.2	70.7	124.3	185.9	255.1	328.7	402.6	479.9	562.0	641.7
25°	0.0	26.6	72.6	128.1	191.6	262.7	337.8	413.5	493.0	576.3	656.9
22.5°	0.0	26.9	74.4	131.4	196.7	269.5	346.1	423.2	504.8	588.6	670.0
20°	0.0	27.2	76.0	134.5	201.4	275.4	353.4	431.7	515.2	599.3	681.9
17.5°	0.0	27.4	77.4	137.2	205.5	280.4	359.6	439.0	524.2	608.2	692.5
15°	0.0	27.6	78.6	139.5	209.1	284.6	364.5	445.4	531.9	615.5	701.5
12.5°	0.0	27.7	79.7	141.5	212.2	287.9	368.6	451.4	538.4	621.2	709.1
10°	0.0	27.8	80.6	143.2	214.7	290.3	371.6	456.4	543.3	627.2	716.4
7.5°	0.0	27.8	81.3	144.5	216.7	291.9	373.8	460.4	546.7	632.3	724.8
5°	0.0	27.7	81.8	145.4	218.1	292.8	374.9	463.4	548.6	636.1	731.6
2.5°	0.0	27.6	82.1	145.9	218.9	292.9	375.2	465.2	549.0	638.5	736.7
0°	0.0	27.4	82.2	146.1	219.2	292.2	374.4	465.8	548.0	639.3	739.8
-2.5°	0.0	27.6	82.1	145.9	218.9	292.9	375.2	465.2	549.0	638.5	736.7
-5°	0.0	27.7	81.8	145.4	218.1	292.8	374.9	463.4	548.6	636.1	731.6
-7.5°	0.0	27.8	81.3	144.5	216.7	291.9	373.8	460.4	546.7	632.3	724.8
-10°	0.0	27.8	80.6	143.2	214.7	290.3	371.6	456.4	543.3	627.2	716.4
-12.5°	0.0	27.7	79.7	141.5	212.2	287.9	368.6	451.4	538.4	621.2	709.1
-15°	0.0	27.6	78.6	139.5	209.1	284.6	364.5	445.4	531.9	615.5	701.5
-17.5°	0.0	27.4	77.4	137.2	205.5	280.4	359.6	439.0	524.2	608.2	692.5
-20°	0.0	27.2	76.0	134.5	201.4	275.4	353.4	431.7	515.2	599.3	681.9

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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	26.9	74.4	131.4	196.7	269.5	346.1	423.2	504.8	588.6	670.0
-25°	0.0	26.6	72.6	128.1	191.6	262.7	337.8	413.5	493.0	576.3	656.9
-27.5°	0.0	26.2	70.7	124.3	185.9	255.1	328.7	402.6	479.9	562.0	641.7
-30°	0.0	25.7	68.7	120.3	179.7	246.8	318.7	390.5	466.1	545.8	624.6
-32.5°	0.0	25.2	66.5	115.9	173.4	237.9	307.9	377.7	451.1	528.1	605.6
-35°	0.0	24.6	64.2	111.3	166.6	228.2	296.3	364.0	434.7	509.1	584.6
-37.5°	0.0	23.9	61.8	106.3	159.4	218.4	283.9	349.5	416.9	488.8	560.5
-40°	0.0	23.2	59.3	101.1	151.7	208.7	270.7	334.2	397.8	467.3	535.5
-42.5°	0.0	22.5	56.6	95.6	144.1	198.5	256.9	318.0	378.7	444.2	509.6
-45°	0.0	21.6	53.8	90.0	136.6	187.8	242.3	300.9	359.2	420.3	483.0
-47.5°	0.0	20.8	51.0	84.2	128.8	176.6	227.1	283.2	338.8	395.8	455.7
-50°	0.0	19.8	48.0	79.4	120.7	164.9	212.8	264.6	317.6	371.7	427.8
-52.5°	0.0	18.9	44.9	74.8	112.2	152.8	198.3	245.4	295.4	346.5	399.2
-55°	0.0	17.9	41.8	70.0	103.4	141.5	183.2	225.8	272.2	320.1	369.5
-57.5°	0.0	16.8	38.5	65.1	94.4	130.2	167.6	207.7	248.1	292.5	338.4
-60°	0.0	15.7	35.3	59.9	85.2	118.6	151.9	188.8	223.8	264.0	306.2
-62.5°	0.0	14.5	32.7	54.5	77.8	106.6	137.5	169.4	201.6	234.5	272.9
-65°	0.0	13.3	30.1	49.0	70.3	94.3	122.8	150.2	179.0	208.1	238.6
-67.5°	0.0	12.1	27.4	43.4	62.5	83.0	107.8	132.5	155.9	182.2	208.1
-70°	0.0	10.8	24.6	37.6	54.5	72.7	92.5	114.4	135.3	155.9	179.0
-72.5°	0.0	9.5	21.7	32.8	46.3	62.1	79.1	96.1	114.4	132.5	150.2
-75°	0.0	8.2	18.7	28.3	38.0	51.3	65.7	79.5	93.3	108.8	124.1
-77.5°	0.0	6.9	15.7	23.6	31.4	40.4	52.0	63.5	74.8	85.8	97.7
-80°	0.0	5.5	12.6	19.0	25.2	31.4	38.2	47.3	56.3	65.2	74.0
-82.5°	0.0	4.2	9.5	14.3	19.0	23.6	28.3	32.8	37.8	44.5	51.0
-85°	0.0	2.8	6.3	9.5	12.7	15.8	18.9	21.9	24.9	27.9	30.8
-87.5°	0.0	1.4	3.2	4.8	6.3	7.9	9.4	11.0	12.5	14.0	15.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	16.8	18.2	19.6	20.9	22.2	23.5	24.7	25.8	26.9	28.0	29.0
85°	33.7	36.5	40.5	44.5	47.9	50.8	53.3	55.4	59.2	63.1	67.2
82.5°	57.4	63.7	69.9	75.8	79.9	83.2	86.4	91.0	99.1	106.8	113.9
80°	82.5	90.9	100.4	109.6	117.6	125.5	133.8	142.3	151.2	159.5	167.5
77.5°	110.1	122.3	134.3	145.9	157.4	169.8	181.8	193.4	204.4	215.0	225.0
75°	139.0	153.6	169.7	185.6	201.0	215.9	230.6	246.2	261.2	275.5	289.1
72.5°	169.4	188.8	207.8	226.3	246.3	265.9	284.9	303.2	320.9	339.6	359.2
70°	201.6	223.8	248.6	272.3	294.6	318.1	341.5	361.6	380.8	406.5	432.7
67.5°	234.7	264.8	292.7	319.5	349.3	376.9	400.8	426.4	453.7	483.3	509.3
65°	273.9	306.5	339.0	372.9	407.3	436.0	465.9	497.6	528.6	558.2	586.3
62.5°	312.5	349.4	386.7	423.7	459.0	493.5	529.5	564.9	598.9	633.3	663.6
60°	349.7	391.6	431.0	469.5	509.7	552.4	592.5	631.6	672.4	711.3	731.6
57.5°	385.7	430.4	471.6	514.9	562.0	610.3	652.2	696.6	731.6	758.6	784.9
55°	419.5	466.0	511.2	559.8	610.9	661.1	707.9	747.4	779.7	804.4	832.3
52.5°	451.1	500.1	549.3	602.5	656.7	710.2	759.2	796.2	825.2	850.6	876.7
50°	482.2	533.7	585.6	643.9	702.1	759.0	806.9	840.8	868.2	894.2	921.1
47.5°	512.8	566.8	622.7	684.8	747.8	802.8	848.2	879.2	906.9	937.4	966.9
45°	542.7	601.1	660.5	727.1	790.4	843.4	882.0	913.1	947.2	980.2	1011.7
42.5°	572.0	635.0	699.3	768.4	829.6	877.4	913.3	950.0	986.9	1022.0	1057.6
40°	601.5	667.5	735.7	804.4	866.0	907.2	945.3	984.8	1025.4	1063.6	1103.1
37.5°	629.8	698.1	768.4	837.8	893.7	935.5	975.1	1018.7	1061.5	1103.2	1154.6
35°	656.7	726.0	796.8	864.0	917.8	961.1	1005.4	1051.2	1096.2	1150.0	1208.7
32.5°	680.7	751.0	822.8	885.3	938.1	984.7	1034.3	1082.3	1136.3	1197.2	1267.5
30°	701.0	772.8	844.9	906.0	957.6	1006.9	1060.7	1113.7	1176.8	1250.0	1333.6
27.5°	718.7	792.5	862.5	923.7	976.1	1025.2	1081.9	1148.7	1221.1	1303.2	1401.6
25°	735.3	812.4	879.2	939.9	990.9	1042.3	1103.0	1176.8	1263.9	1362.9	1483.2
22.5°	751.0	831.4	896.1	955.3	1002.5	1058.0	1126.4	1206.7	1301.4	1417.4	1563.8
20°	766.0	845.7	909.6	967.4	1011.2	1071.7	1147.0	1232.8	1340.4	1478.6	1648.0
17.5°	779.9	857.9	920.2	974.5	1022.6	1086.3	1165.2	1254.0	1374.3	1534.4	1725.5
15°	792.4	868.1	928.7	980.3	1032.9	1101.6	1184.2	1280.4	1411.7	1587.4	1794.1
12.5°	803.5	876.4	935.2	984.8	1041.0	1114.1	1201.0	1307.8	1452.0	1639.6	1881.1
10°	813.0	882.7	939.8	987.9	1047.1	1123.7	1215.1	1330.1	1484.1	1680.1	1948.0
7.5°	821.1	887.8	943.0	989.6	1051.1	1130.4	1226.1	1347.2	1506.6	1708.8	1996.3
5°	826.7	891.8	946.8	995.3	1057.3	1135.7	1234.1	1358.8	1519.8	1725.9	2026.3
2.5°	830.0	894.2	949.0	1000.6	1063.9	1140.2	1240.1	1371.6	1530.5	1742.5	2049.3
0°	831.1	895.0	949.8	1004.6	1068.5	1141.6	1242.1	1379.0	1534.3	1753.5	2064.0
-2.5°	830.0	894.2	949.0	1000.6	1063.9	1140.2	1240.1	1371.6	1530.5	1742.5	2049.3
-5°	826.7	891.8	946.8	995.3	1057.3	1135.7	1234.1	1358.8	1519.8	1725.9	2026.3
-7.5°	821.1	887.8	943.0	989.6	1051.1	1130.4	1226.1	1347.2	1506.6	1708.8	1996.3
-10°	813.0	882.7	939.8	987.9	1047.1	1123.7	1215.1	1330.1	1484.1	1680.1	1948.0
-12.5°	803.5	876.4	935.2	984.8	1041.0	1114.1	1201.0	1307.8	1452.0	1639.6	1881.1
-15°	792.4	868.1	928.7	980.3	1032.9	1101.6	1184.2	1280.4	1411.7	1587.4	1794.1
-17.5°	779.9	857.9	920.2	974.5	1022.6	1086.3	1165.2	1254.0	1374.3	1534.4	1725.5
-20°	766.0	845.7	909.6	967.4	1011.2	1071.7	1147.0	1232.8	1340.4	1478.6	1648.0



REPORT NUMBER: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-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°	751.0	831.4	896.1	955.3	1002.5	1058.0	1126.4	1206.7	1301.4	1417.4	1563.8
-25°	735.3	812.4	879.2	939.9	990.9	1042.3	1103.0	1176.8	1263.9	1362.9	1483.2
-27.5°	718.7	792.5	862.5	923.7	976.1	1025.2	1081.9	1148.7	1221.1	1303.2	1401.6
-30°	701.0	772.8	844.9	906.0	957.6	1006.9	1060.7	1113.7	1176.8	1250.0	1333.6
-32.5°	680.7	751.0	822.8	885.3	938.1	984.7	1034.3	1082.3	1136.3	1197.2	1267.5
-35°	656.7	726.0	796.8	864.0	917.8	961.1	1005.4	1051.2	1096.2	1150.0	1208.7
-37.5°	629.8	698.1	768.4	837.8	893.7	935.5	975.1	1018.7	1061.5	1103.2	1154.6
-40°	601.5	667.5	735.7	804.4	866.0	907.2	945.3	984.8	1025.4	1063.6	1103.1
-42.5°	572.0	635.0	699.3	768.4	829.6	877.4	913.3	950.0	986.9	1022.0	1057.6
-45°	542.7	601.1	660.5	727.1	790.4	843.4	882.0	913.1	947.2	980.2	1011.7
-47.5°	512.8	566.8	622.7	684.8	747.8	802.8	848.2	879.2	906.9	937.4	966.9
-50°	482.2	533.7	585.6	643.9	702.1	759.0	806.9	840.8	868.2	894.2	921.1
-52.5°	451.1	500.1	549.3	602.5	656.7	710.2	759.2	796.2	825.2	850.6	876.7
-55°	419.5	466.0	511.2	559.8	610.9	661.1	707.9	747.4	779.7	804.4	832.3
-57.5°	385.7	430.4	471.6	514.9	562.0	610.3	652.2	696.6	731.6	758.6	784.9
-60°	349.7	391.6	431.0	469.5	509.7	552.4	592.5	631.6	672.4	711.3	731.6
-62.5°	312.5	349.4	386.7	423.7	459.0	493.5	529.5	564.9	598.9	633.3	663.6
-65°	273.9	306.5	339.0	372.9	407.3	436.0	465.9	497.6	528.6	558.2	586.3
-67.5°	234.7	264.8	292.7	319.5	349.3	376.9	400.8	426.4	453.7	483.3	509.3
-70°	201.6	223.8	248.6	272.3	294.6	318.1	341.5	361.6	380.8	406.5	432.7
-72.5°	169.4	188.8	207.8	226.3	246.3	265.9	284.9	303.2	320.9	339.6	359.2
-75°	139.0	153.6	169.7	185.6	201.0	215.9	230.6	246.2	261.2	275.5	289.1
-77.5°	110.1	122.3	134.3	145.9	157.4	169.8	181.8	193.4	204.4	215.0	225.0
-80°	82.5	90.9	100.4	109.6	117.6	125.5	133.8	142.3	151.2	159.5	167.5
-82.5°	57.4	63.7	69.9	75.8	79.9	83.2	86.4	91.0	99.1	106.8	113.9
-85°	33.7	36.5	40.5	44.5	47.9	50.8	53.3	55.4	59.2	63.1	67.2
-87.5°	16.8	18.2	19.6	20.9	22.2	23.5	24.7	25.8	26.9	28.0	29.0
-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: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	29.9	30.8	31.6	32.4	33.1	33.7	34.3	34.8	35.3	33.4	31.5
85°	71.4	74.1	76.6	78.9	81.0	82.9	84.7	86.2	87.6	86.5	85.1
82.5°	120.3	125.1	129.5	133.5	137.2	140.6	143.7	146.4	148.7	148.5	147.8
80°	175.1	182.9	190.8	198.6	206.2	210.8	214.2	216.7	218.4	219.2	219.4
77.5°	235.3	247.4	260.1	272.5	284.7	291.7	296.7	300.8	304.1	304.8	304.2
75°	302.0	317.6	334.9	350.0	363.1	371.0	376.6	381.3	385.1	386.1	385.7
72.5°	379.6	398.9	414.3	427.1	438.1	446.7	453.7	459.6	464.4	466.5	466.7
70°	455.9	474.9	489.6	502.6	513.4	522.3	530.7	537.8	543.7	548.1	551.3
67.5°	533.2	555.0	570.1	581.8	591.0	600.4	611.5	621.1	629.2	634.6	637.3
65°	612.6	635.1	649.6	662.4	673.6	685.5	697.9	707.0	713.0	716.7	719.2
62.5°	689.4	710.4	728.7	745.6	761.9	775.5	784.0	791.6	798.1	803.6	807.7
60°	755.4	782.1	802.6	818.9	834.8	850.2	860.6	868.9	875.4	880.1	883.1
57.5°	811.7	838.9	863.1	878.9	896.2	914.6	926.7	933.6	940.1	945.6	948.1
55°	860.9	886.1	908.4	930.0	949.4	965.9	978.8	988.2	996.0	1002.3	1004.4
52.5°	905.2	932.7	958.8	981.7	1000.8	1016.6	1029.3	1040.9	1049.9	1055.9	1058.6
50°	951.8	981.3	1009.3	1034.3	1053.9	1071.7	1087.6	1101.3	1114.4	1124.8	1132.3
47.5°	997.6	1029.0	1059.9	1087.5	1111.0	1136.7	1159.8	1179.4	1198.5	1214.0	1224.7
45°	1043.8	1080.0	1113.7	1149.3	1181.1	1214.8	1246.1	1273.1	1300.8	1321.7	1335.8
42.5°	1095.1	1136.3	1176.8	1221.1	1264.4	1308.3	1355.8	1398.1	1430.8	1461.5	1486.3
40°	1150.0	1197.2	1250.0	1304.3	1368.2	1426.2	1489.9	1544.7	1594.2	1646.5	1688.1
37.5°	1208.7	1267.5	1336.9	1409.7	1492.3	1571.6	1654.9	1736.7	1808.1	1892.3	1956.6
35°	1273.4	1352.1	1437.5	1535.9	1638.7	1752.4	1866.3	1997.9	2111.1	2235.7	2344.2
32.5°	1350.1	1444.0	1556.1	1685.8	1818.1	1990.5	2151.6	2361.0	2542.1	2739.8	2938.9
30°	1429.0	1551.7	1696.4	1859.9	2070.0	2307.1	2571.4	2882.9	3204.2	3515.0	3889.9
27.5°	1526.8	1674.8	1850.0	2088.9	2398.2	2718.6	3173.0	3640.7	4231.2	4719.5	5408.1
25°	1628.4	1802.6	2051.5	2376.5	2780.1	3336.2	4025.8	4773.3	5812.1	6724.8	7795.2
22.5°	1738.9	1974.1	2283.9	2685.0	3297.0	4150.6	5194.8	6601.9	8134.2	9761.0	11379.2
20°	1854.1	2138.7	2544.7	3126.0	3965.7	5121.9	6914.5	9086.8	11275.8	13960.0	16336.9
17.5°	1987.4	2349.7	2850.0	3576.9	4697.6	6468.7	8955.4	11988.1	15384.1	19243.5	22670.2
15°	2098.5	2530.5	3162.1	4179.0	5720.4	7994.8	11130.8	15302.6	20406.0	25589.3	30848.1
12.5°	2227.6	2727.2	3468.9	4681.6	6617.4	9640.1	13908.7	19189.1	25562.6	32752.1	41227.6
10°	2342.1	2920.4	3842.4	5343.4	7709.2	11356.1	16536.6	22889.3	31114.3	41458.3	54583.2
7.5°	2427.0	3074.1	4130.7	5847.1	8653.0	13005.8	19019.5	26941.1	37392.4	51051.6	69064.6
5°	2482.1	3185.3	4334.6	6235.8	9391.9	14233.7	20839.1	29815.0	42423.6	61742.4	92245.0
2.5°	2515.1	3251.2	4451.0	6463.8	9841.2	15047.2	22223.5	31988.0	45684.3	68349.3	107154.3
0°	2529.8	3269.5	4520.7	6584.7	9991.2	15361.3	22859.3	32978.4	47143.3	69892.9	109775.7
-2.5°	2515.1	3251.2	4451.0	6463.8	9841.2	15047.2	22223.5	31988.0	45684.3	68349.3	107154.3
-5°	2482.1	3185.3	4334.6	6235.8	9391.9	14233.7	20839.1	29815.0	42423.6	61742.4	92245.0
-7.5°	2427.0	3074.1	4130.7	5847.1	8653.0	13005.8	19019.5	26941.1	37392.4	51051.6	69064.6
-10°	2342.1	2920.4	3842.4	5343.4	7709.2	11356.1	16536.6	22889.3	31114.3	41458.3	54583.2
-12.5°	2227.6	2727.2	3468.9	4681.6	6617.4	9640.1	13908.7	19189.1	25562.6	32752.1	41227.6
-15°	2098.5	2530.5	3162.1	4179.0	5720.4	7994.8	11130.8	15302.6	20406.0	25589.3	30848.1
-17.5°	1987.4	2349.7	2850.0	3576.9	4697.6	6468.7	8955.4	11988.1	15384.1	19243.5	22670.2
-20°	1854.1	2138.7	2544.7	3126.0	3965.7	5121.9	6914.5	9086.8	11275.8	13960.0	16336.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1738.9	1974.1	2283.9	2685.0	3297.0	4150.6	5194.8	6601.9	8134.2	9761.0	11379.2
-25°	1628.4	1802.6	2051.5	2376.5	2780.1	3336.2	4025.8	4773.3	5812.1	6724.8	7795.2
-27.5°	1526.8	1674.8	1850.0	2088.9	2398.2	2718.6	3173.0	3640.7	4231.2	4719.5	5408.1
-30°	1429.0	1551.7	1696.4	1859.9	2070.0	2307.1	2571.4	2882.9	3204.2	3515.0	3889.9
-32.5°	1350.1	1444.0	1556.1	1685.8	1818.1	1990.5	2151.6	2361.0	2542.1	2739.8	2938.9
-35°	1273.4	1352.1	1437.5	1535.9	1638.7	1752.4	1866.3	1997.9	2111.1	2235.7	2344.2
-37.5°	1208.7	1267.5	1336.9	1409.7	1492.3	1571.6	1654.9	1736.7	1808.1	1892.3	1956.6
-40°	1150.0	1197.2	1250.0	1304.3	1368.2	1426.2	1489.9	1544.7	1594.2	1646.5	1688.1
-42.5°	1095.1	1136.3	1176.8	1221.1	1264.4	1308.3	1355.8	1398.1	1430.8	1461.5	1486.3
-45°	1043.8	1080.0	1113.7	1149.3	1181.1	1214.8	1246.1	1273.1	1300.8	1321.7	1335.8
-47.5°	997.6	1029.0	1059.9	1087.5	1111.0	1136.7	1159.8	1179.4	1198.5	1214.0	1224.7
-50°	951.8	981.3	1009.3	1034.3	1053.9	1071.7	1087.6	1101.3	1114.4	1124.8	1132.3
-52.5°	905.2	932.7	958.8	981.7	1000.8	1016.6	1029.3	1040.9	1049.9	1055.9	1058.6
-55°	860.9	886.1	908.4	930.0	949.4	965.9	978.8	988.2	996.0	1002.3	1004.4
-57.5°	811.7	838.9	863.1	878.9	896.2	914.6	926.7	933.6	940.1	945.6	948.1
-60°	755.4	782.1	802.6	818.9	834.8	850.2	860.6	868.9	875.4	880.1	883.1
-62.5°	689.4	710.4	728.7	745.6	761.9	775.5	784.0	791.6	798.1	803.6	807.7
-65°	612.6	635.1	649.6	662.4	673.6	685.5	697.9	707.0	713.0	716.7	719.2
-67.5°	533.2	555.0	570.1	581.8	591.0	600.4	611.5	621.1	629.2	634.6	637.3
-70°	455.9	474.9	489.6	502.6	513.4	522.3	530.7	537.8	543.7	548.1	551.3
-72.5°	379.6	398.9	414.3	427.1	438.1	446.7	453.7	459.6	464.4	466.5	466.7
-75°	302.0	317.6	334.9	350.0	363.1	371.0	376.6	381.3	385.1	386.1	385.7
-77.5°	235.3	247.4	260.1	272.5	284.7	291.7	296.7	300.8	304.1	304.8	304.2
-80°	175.1	182.9	190.8	198.6	206.2	210.8	214.2	216.7	218.4	219.2	219.4
-82.5°	120.3	125.1	129.5	133.5	137.2	140.6	143.7	146.4	148.7	148.5	147.8
-85°	71.4	74.1	76.6	78.9	81.0	82.9	84.7	86.2	87.6	86.5	85.1
-87.5°	29.9	30.8	31.6	32.4	33.1	33.7	34.3	34.8	35.3	33.4	31.5
-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: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	29.4	27.3	27.4	27.4	27.4	27.3	29.4	31.5	33.4	35.3	34.8
85°	83.6	81.8	82.1	82.2	82.1	81.8	83.6	85.1	86.5	87.6	86.2
82.5°	146.8	145.4	145.9	146.1	145.9	145.4	146.8	147.8	148.5	148.7	146.4
80°	219.1	218.1	214.5	210.1	214.5	218.1	219.1	219.4	219.2	218.4	216.7
77.5°	302.6	300.0	296.5	292.2	296.5	300.0	302.6	304.2	304.8	304.1	300.8
75°	384.3	382.0	383.1	383.6	383.1	382.0	384.3	385.7	386.1	385.1	381.3
72.5°	465.9	464.0	465.2	465.8	465.2	464.0	465.9	466.7	466.5	464.4	459.6
70°	553.5	554.5	552.2	548.0	552.2	554.5	553.5	551.3	548.1	543.7	537.8
67.5°	638.1	637.1	634.4	630.2	634.4	637.1	638.1	637.3	634.6	629.2	621.1
65°	720.0	719.1	720.6	721.5	720.6	719.1	720.0	719.2	716.7	713.0	707.0
62.5°	809.8	809.8	807.8	803.7	807.8	809.8	809.8	807.7	803.6	798.1	791.6
60°	884.3	883.6	881.1	876.7	881.1	883.6	884.3	883.1	880.1	875.4	868.9
57.5°	948.9	947.9	945.2	940.7	945.2	947.9	948.9	948.1	945.6	940.1	933.6
55°	1004.7	1003.3	1000.2	995.5	1000.2	1003.3	1004.7	1004.4	1002.3	996.0	988.2
52.5°	1059.3	1058.1	1058.4	1059.4	1058.4	1058.1	1059.3	1058.6	1055.9	1049.9	1040.9
50°	1136.8	1138.4	1137.0	1132.5	1137.0	1138.4	1136.8	1132.3	1124.8	1114.4	1101.3
47.5°	1229.8	1230.3	1228.1	1223.8	1228.1	1230.3	1229.8	1224.7	1214.0	1198.5	1179.4
45°	1346.9	1353.6	1355.3	1351.6	1355.3	1353.6	1346.9	1335.8	1321.7	1300.8	1273.1
42.5°	1505.5	1515.9	1518.9	1516.0	1518.9	1515.9	1505.5	1486.3	1461.5	1430.8	1398.1
40°	1713.7	1725.5	1727.7	1726.1	1727.7	1725.5	1713.7	1688.1	1646.5	1594.2	1544.7
37.5°	2001.8	2030.6	2044.2	2045.7	2044.2	2030.6	2001.8	1956.6	1892.3	1808.1	1736.7
35°	2426.9	2484.3	2515.0	2529.8	2515.0	2484.3	2426.9	2344.2	2235.7	2111.1	1997.9
32.5°	3089.7	3204.5	3268.2	3260.4	3268.2	3204.5	3089.7	2938.9	2739.8	2542.1	2361.0
30°	4172.5	4373.3	4474.4	4447.6	4474.4	4373.3	4172.5	3889.9	3515.0	3204.2	2882.9
27.5°	5902.5	6265.6	6475.4	6447.7	6475.4	6265.6	5902.5	5408.1	4719.5	4231.2	3640.7
25°	8690.1	9352.5	9776.6	9671.6	9776.6	9352.5	8690.1	7795.2	6724.8	5812.1	4773.3
22.5°	12930.5	14052.7	14795.4	14703.7	14795.4	14052.7	12930.5	11379.2	9761.0	8134.2	6601.9
20°	18747.1	20455.2	21674.8	21836.4	21674.8	20455.2	18747.1	16336.9	13960.0	11275.8	9086.8
17.5°	26371.6	29079.9	30965.0	31279.7	30965.0	29079.9	26371.6	22670.2	19243.5	15384.1	11988.1
15°	36280.7	40707.2	43910.7	44175.1	43910.7	40707.2	36280.7	30848.1	25589.3	20406.0	15302.6
12.5°	49735.7	58638.6	64449.0	67007.0	64449.0	58638.6	49735.7	41227.6	32752.1	25562.6	19189.1
10°	68356.8	88806.3	101902.5	106825.8	101902.5	88806.3	68356.8	54583.2	41458.3	31114.3	22889.3
7.5°	99459.6	131565.8	167259.5	182472.4	167259.5	131565.8	99459.6	69064.6	51051.6	37392.4	26941.1
5°	134681.1	201314.4	264694.4	289444.2	264694.4	201314.4	134681.1	92245.0	61742.4	42423.6	29815.0
2.5°	171743.2	264620.3	351653.2	385689.8	351653.2	264620.3	171743.2	107154.3	68349.3	45684.3	31988.0
0°	186216.8	292339.3	388096.2	426262.0	388096.2	292339.3	186216.8	109775.7	69892.9	47143.3	32978.4
-2.5°	171743.2	264620.3	351653.2	385689.8	351653.2	264620.3	171743.2	107154.3	68349.3	45684.3	31988.0
-5°	134681.1	201314.4	264694.4	289444.2	264694.4	201314.4	134681.1	92245.0	61742.4	42423.6	29815.0
-7.5°	99459.6	131565.8	167259.5	182472.4	167259.5	131565.8	99459.6	69064.6	51051.6	37392.4	26941.1
-10°	68356.8	88806.3	101902.5	106825.8	101902.5	88806.3	68356.8	54583.2	41458.3	31114.3	22889.3
-12.5°	49735.7	58638.6	64449.0	67007.0	64449.0	58638.6	49735.7	41227.6	32752.1	25562.6	19189.1
-15°	36280.7	40707.2	43910.7	44175.1	43910.7	40707.2	36280.7	30848.1	25589.3	20406.0	15302.6
-17.5°	26371.6	29079.9	30965.0	31279.7	30965.0	29079.9	26371.6	22670.2	19243.5	15384.1	11988.1
-20°	18747.1	20455.2	21674.8	21836.4	21674.8	20455.2	18747.1	16336.9	13960.0	11275.8	9086.8



REPORT NUMBER: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	12930.5	14052.7	14795.4	14703.7	14795.4	14052.7	12930.5	11379.2	9761.0	8134.2	6601.9
-25°	8690.1	9352.5	9776.6	9671.6	9776.6	9352.5	8690.1	7795.2	6724.8	5812.1	4773.3
-27.5°	5902.5	6265.6	6475.4	6447.7	6475.4	6265.6	5902.5	5408.1	4719.5	4231.2	3640.7
-30°	4172.5	4373.3	4474.4	4447.6	4474.4	4373.3	4172.5	3889.9	3515.0	3204.2	2882.9
-32.5°	3089.7	3204.5	3268.2	3260.4	3268.2	3204.5	3089.7	2938.9	2739.8	2542.1	2361.0
-35°	2426.9	2484.3	2515.0	2529.8	2515.0	2484.3	2426.9	2344.2	2235.7	2111.1	1997.9
-37.5°	2001.8	2030.6	2044.2	2045.7	2044.2	2030.6	2001.8	1956.6	1892.3	1808.1	1736.7
-40°	1713.7	1725.5	1727.7	1726.1	1727.7	1725.5	1713.7	1688.1	1646.5	1594.2	1544.7
-42.5°	1505.5	1515.9	1518.9	1516.0	1518.9	1515.9	1505.5	1486.3	1461.5	1430.8	1398.1
-45°	1346.9	1353.6	1355.3	1351.6	1355.3	1353.6	1346.9	1335.8	1321.7	1300.8	1273.1
-47.5°	1229.8	1230.3	1228.1	1223.8	1228.1	1230.3	1229.8	1224.7	1214.0	1198.5	1179.4
-50°	1136.8	1138.4	1137.0	1132.5	1137.0	1138.4	1136.8	1132.3	1124.8	1114.4	1101.3
-52.5°	1059.3	1058.1	1058.4	1059.4	1058.4	1058.1	1059.3	1058.6	1055.9	1049.9	1040.9
-55°	1004.7	1003.3	1000.2	995.5	1000.2	1003.3	1004.7	1004.4	1002.3	996.0	988.2
-57.5°	948.9	947.9	945.2	940.7	945.2	947.9	948.9	948.1	945.6	940.1	933.6
-60°	884.3	883.6	881.1	876.7	881.1	883.6	884.3	883.1	880.1	875.4	868.9
-62.5°	809.8	809.8	807.8	803.7	807.8	809.8	809.8	807.7	803.6	798.1	791.6
-65°	720.0	719.1	720.6	721.5	720.6	719.1	720.0	719.2	716.7	713.0	707.0
-67.5°	638.1	637.1	634.4	630.2	634.4	637.1	638.1	637.3	634.6	629.2	621.1
-70°	553.5	554.5	552.2	548.0	552.2	554.5	553.5	551.3	548.1	543.7	537.8
-72.5°	465.9	464.0	465.2	465.8	465.2	464.0	465.9	466.7	466.5	464.4	459.6
-75°	384.3	382.0	383.1	383.6	383.1	382.0	384.3	385.7	386.1	385.1	381.3
-77.5°	302.6	300.0	296.5	292.2	296.5	300.0	302.6	304.2	304.8	304.1	300.8
-80°	219.1	218.1	214.5	210.1	214.5	218.1	219.1	219.4	219.2	218.4	216.7
-82.5°	146.8	145.4	145.9	146.1	145.9	145.4	146.8	147.8	148.5	148.7	146.4
-85°	83.6	81.8	82.1	82.2	82.1	81.8	83.6	85.1	86.5	87.6	86.2
-87.5°	29.4	27.3	27.4	27.4	27.4	27.3	29.4	31.5	33.4	35.3	34.8
-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: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	34.3	33.7	33.1	32.4	31.6	30.8	29.9	29.0	28.0	26.9	25.8
85°	84.7	82.9	81.0	78.9	76.6	74.1	71.4	67.2	63.1	59.2	55.4
82.5°	143.7	140.6	137.2	133.5	129.5	125.1	120.3	113.9	106.8	99.1	91.0
80°	214.2	210.8	206.2	198.6	190.8	182.9	175.1	167.5	159.5	151.2	142.3
77.5°	296.7	291.7	284.7	272.5	260.1	247.4	235.3	225.0	215.0	204.4	193.4
75°	376.6	371.0	363.1	350.0	334.9	317.6	302.0	289.1	275.5	261.2	246.2
72.5°	453.7	446.7	438.1	427.1	414.3	398.9	379.6	359.2	339.6	320.9	303.2
70°	530.7	522.3	513.4	502.6	489.6	474.9	455.9	432.7	406.5	380.8	361.6
67.5°	611.5	600.4	591.0	581.8	570.1	555.0	533.2	509.3	483.3	453.7	426.4
65°	697.9	685.5	673.6	662.4	649.6	635.1	612.6	586.3	558.2	528.6	497.6
62.5°	784.0	775.5	761.9	745.6	728.7	710.4	689.4	663.6	633.3	598.9	564.9
60°	860.6	850.2	834.8	818.9	802.6	782.1	755.4	731.6	711.3	672.4	631.6
57.5°	926.7	914.6	896.2	878.9	863.1	838.9	811.7	784.9	758.6	731.6	696.6
55°	978.8	965.9	949.4	930.0	908.4	886.1	860.9	832.3	804.4	779.7	747.4
52.5°	1029.3	1016.6	1000.8	981.7	958.8	932.7	905.2	876.7	850.6	825.2	796.2
50°	1087.6	1071.7	1053.9	1034.3	1009.3	981.3	951.8	921.1	894.2	868.2	840.8
47.5°	1159.8	1136.7	1111.0	1087.5	1059.9	1029.0	997.6	966.9	937.4	906.9	879.2
45°	1246.1	1214.8	1181.1	1149.3	1113.7	1080.0	1043.8	1011.7	980.2	947.2	913.1
42.5°	1355.8	1308.3	1264.4	1221.1	1176.8	1136.3	1095.1	1057.6	1022.0	986.9	950.0
40°	1489.9	1426.2	1368.2	1304.3	1250.0	1197.2	1150.0	1103.1	1063.6	1025.4	984.8
37.5°	1654.9	1571.6	1492.3	1409.7	1336.9	1267.5	1208.7	1154.6	1103.2	1061.5	1018.7
35°	1866.3	1752.4	1638.7	1535.9	1437.5	1352.1	1273.4	1208.7	1150.0	1096.2	1051.2
32.5°	2151.6	1990.5	1818.1	1685.8	1556.1	1444.0	1350.1	1267.5	1197.2	1136.3	1082.3
30°	2571.4	2307.1	2070.0	1859.9	1696.4	1551.7	1429.0	1333.6	1250.0	1176.8	1113.7
27.5°	3173.0	2718.6	2398.2	2088.9	1850.0	1674.8	1526.8	1401.6	1303.2	1221.1	1148.7
25°	4025.8	3336.2	2780.1	2376.5	2051.5	1802.6	1628.4	1483.2	1362.9	1263.9	1176.8
22.5°	5194.8	4150.6	3297.0	2685.0	2283.9	1974.1	1738.9	1563.8	1417.4	1301.4	1206.7
20°	6914.5	5121.9	3965.7	3126.0	2544.7	2138.7	1854.1	1648.0	1478.6	1340.4	1232.8
17.5°	8955.4	6468.7	4697.6	3576.9	2850.0	2349.7	1987.4	1725.5	1534.4	1374.3	1254.0
15°	11130.8	7994.8	5720.4	4179.0	3162.1	2530.5	2098.5	1794.1	1587.4	1411.7	1280.4
12.5°	13908.7	9640.1	6617.4	4681.6	3468.9	2727.2	2227.6	1881.1	1639.6	1452.0	1307.8
10°	16536.6	11356.1	7709.2	5343.4	3842.4	2920.4	2342.1	1948.0	1680.1	1484.1	1330.1
7.5°	19019.5	13005.8	8653.0	5847.1	4130.7	3074.1	2427.0	1996.3	1708.8	1506.6	1347.2
5°	20839.1	14233.7	9391.9	6235.8	4334.6	3185.3	2482.1	2026.3	1725.9	1519.8	1358.8
2.5°	22223.5	15047.2	9841.2	6463.8	4451.0	3251.2	2515.1	2049.3	1742.5	1530.5	1371.6
0°	22859.3	15361.3	9991.2	6584.7	4520.7	3269.5	2529.8	2064.0	1753.5	1534.3	1379.0
-2.5°	22223.5	15047.2	9841.2	6463.8	4451.0	3251.2	2515.1	2049.3	1742.5	1530.5	1371.6
-5°	20839.1	14233.7	9391.9	6235.8	4334.6	3185.3	2482.1	2026.3	1725.9	1519.8	1358.8
-7.5°	19019.5	13005.8	8653.0	5847.1	4130.7	3074.1	2427.0	1996.3	1708.8	1506.6	1347.2
-10°	16536.6	11356.1	7709.2	5343.4	3842.4	2920.4	2342.1	1948.0	1680.1	1484.1	1330.1
-12.5°	13908.7	9640.1	6617.4	4681.6	3468.9	2727.2	2227.6	1881.1	1639.6	1452.0	1307.8
-15°	11130.8	7994.8	5720.4	4179.0	3162.1	2530.5	2098.5	1794.1	1587.4	1411.7	1280.4
-17.5°	8955.4	6468.7	4697.6	3576.9	2850.0	2349.7	1987.4	1725.5	1534.4	1374.3	1254.0
-20°	6914.5	5121.9	3965.7	3126.0	2544.7	2138.7	1854.1	1648.0	1478.6	1340.4	1232.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5194.8	4150.6	3297.0	2685.0	2283.9	1974.1	1738.9	1563.8	1417.4	1301.4	1206.7
-25°	4025.8	3336.2	2780.1	2376.5	2051.5	1802.6	1628.4	1483.2	1362.9	1263.9	1176.8
-27.5°	3173.0	2718.6	2398.2	2088.9	1850.0	1674.8	1526.8	1401.6	1303.2	1221.1	1148.7
-30°	2571.4	2307.1	2070.0	1859.9	1696.4	1551.7	1429.0	1333.6	1250.0	1176.8	1113.7
-32.5°	2151.6	1990.5	1818.1	1685.8	1556.1	1444.0	1350.1	1267.5	1197.2	1136.3	1082.3
-35°	1866.3	1752.4	1638.7	1535.9	1437.5	1352.1	1273.4	1208.7	1150.0	1096.2	1051.2
-37.5°	1654.9	1571.6	1492.3	1409.7	1336.9	1267.5	1208.7	1154.6	1103.2	1061.5	1018.7
-40°	1489.9	1426.2	1368.2	1304.3	1250.0	1197.2	1150.0	1103.1	1063.6	1025.4	984.8
-42.5°	1355.8	1308.3	1264.4	1221.1	1176.8	1136.3	1095.1	1057.6	1022.0	986.9	950.0
-45°	1246.1	1214.8	1181.1	1149.3	1113.7	1080.0	1043.8	1011.7	980.2	947.2	913.1
-47.5°	1159.8	1136.7	1111.0	1087.5	1059.9	1029.0	997.6	966.9	937.4	906.9	879.2
-50°	1087.6	1071.7	1053.9	1034.3	1009.3	981.3	951.8	921.1	894.2	868.2	840.8
-52.5°	1029.3	1016.6	1000.8	981.7	958.8	932.7	905.2	876.7	850.6	825.2	796.2
-55°	978.8	965.9	949.4	930.0	908.4	886.1	860.9	832.3	804.4	779.7	747.4
-57.5°	926.7	914.6	896.2	878.9	863.1	838.9	811.7	784.9	758.6	731.6	696.6
-60°	860.6	850.2	834.8	818.9	802.6	782.1	755.4	731.6	711.3	672.4	631.6
-62.5°	784.0	775.5	761.9	745.6	728.7	710.4	689.4	663.6	633.3	598.9	564.9
-65°	697.9	685.5	673.6	662.4	649.6	635.1	612.6	586.3	558.2	528.6	497.6
-67.5°	611.5	600.4	591.0	581.8	570.1	555.0	533.2	509.3	483.3	453.7	426.4
-70°	530.7	522.3	513.4	502.6	489.6	474.9	455.9	432.7	406.5	380.8	361.6
-72.5°	453.7	446.7	438.1	427.1	414.3	398.9	379.6	359.2	339.6	320.9	303.2
-75°	376.6	371.0	363.1	350.0	334.9	317.6	302.0	289.1	275.5	261.2	246.2
-77.5°	296.7	291.7	284.7	272.5	260.1	247.4	235.3	225.0	215.0	204.4	193.4
-80°	214.2	210.8	206.2	198.6	190.8	182.9	175.1	167.5	159.5	151.2	142.3
-82.5°	143.7	140.6	137.2	133.5	129.5	125.1	120.3	113.9	106.8	99.1	91.0
-85°	84.7	82.9	81.0	78.9	76.6	74.1	71.4	67.2	63.1	59.2	55.4
-87.5°	34.3	33.7	33.1	32.4	31.6	30.8	29.9	29.0	28.0	26.9	25.8
-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: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-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°	24.7	23.5	22.2	20.9	19.6	18.2	16.8	15.4	14.0	12.5	11.0
85°	53.3	50.8	47.9	44.5	40.5	36.5	33.7	30.8	27.9	24.9	21.9
82.5°	86.4	83.2	79.9	75.8	69.9	63.7	57.4	51.0	44.5	37.8	32.8
80°	133.8	125.5	117.6	109.6	100.4	90.9	82.5	74.0	65.2	56.3	47.3
77.5°	181.8	169.8	157.4	145.9	134.3	122.3	110.1	97.7	85.8	74.8	63.5
75°	230.6	215.9	201.0	185.6	169.7	153.6	139.0	124.1	108.8	93.3	79.5
72.5°	284.9	265.9	246.3	226.3	207.8	188.8	169.4	150.2	132.5	114.4	96.1
70°	341.5	318.1	294.6	272.3	248.6	223.8	201.6	179.0	155.9	135.3	114.4
67.5°	400.8	376.9	349.3	319.5	292.7	264.8	234.7	208.1	182.2	155.9	132.5
65°	465.9	436.0	407.3	372.9	339.0	306.5	273.9	238.6	208.1	179.0	150.2
62.5°	529.5	493.5	459.0	423.7	386.7	349.4	312.5	272.9	234.5	201.6	169.4
60°	592.5	552.4	509.7	469.5	431.0	391.6	349.7	306.2	264.0	223.8	188.8
57.5°	652.2	610.3	562.0	514.9	471.6	430.4	385.7	338.4	292.5	248.1	207.7
55°	707.9	661.1	610.9	559.8	511.2	466.0	419.5	369.5	320.1	272.2	225.8
52.5°	759.2	710.2	656.7	602.5	549.3	500.1	451.1	399.2	346.5	295.4	245.4
50°	806.9	759.0	702.1	643.9	585.6	533.7	482.2	427.8	371.7	317.6	264.6
47.5°	848.2	802.8	747.8	684.8	622.7	566.8	512.8	455.7	395.8	338.8	283.2
45°	882.0	843.4	790.4	727.1	660.5	601.1	542.7	483.0	420.3	359.2	300.9
42.5°	913.3	877.4	829.6	768.4	699.3	635.0	572.0	509.6	444.2	378.7	318.0
40°	945.3	907.2	866.0	804.4	735.7	667.5	601.5	535.5	467.3	397.8	334.2
37.5°	975.1	935.5	893.7	837.8	768.4	698.1	629.8	560.5	488.8	416.9	349.5
35°	1005.4	961.1	917.8	864.0	796.8	726.0	656.7	584.6	509.1	434.7	364.0
32.5°	1034.3	984.7	938.1	885.3	822.8	751.0	680.7	605.6	528.1	451.1	377.7
30°	1060.7	1006.9	957.6	906.0	844.9	772.8	701.0	624.6	545.8	466.1	390.5
27.5°	1081.9	1025.2	976.1	923.7	862.5	792.5	718.7	641.7	562.0	479.9	402.6
25°	1103.0	1042.3	990.9	939.9	879.2	812.4	735.3	656.9	576.3	493.0	413.5
22.5°	1126.4	1058.0	1002.5	955.3	896.1	831.4	751.0	670.0	588.6	504.8	423.2
20°	1147.0	1071.7	1011.2	967.4	909.6	845.7	766.0	681.9	599.3	515.2	431.7
17.5°	1165.2	1086.3	1022.6	974.5	920.2	857.9	779.9	692.5	608.2	524.2	439.0
15°	1184.2	1101.6	1032.9	980.3	928.7	868.1	792.4	701.5	615.5	531.9	445.4
12.5°	1201.0	1114.1	1041.0	984.8	935.2	876.4	803.5	709.1	621.2	538.4	451.4
10°	1215.1	1123.7	1047.1	987.9	939.8	882.7	813.0	716.4	627.2	543.3	456.4
7.5°	1226.1	1130.4	1051.1	989.6	943.0	887.8	821.1	724.8	632.3	546.7	460.4
5°	1234.1	1135.7	1057.3	995.3	946.8	891.8	826.7	731.6	636.1	548.6	463.4
2.5°	1240.1	1140.2	1063.9	1000.6	949.0	894.2	830.0	736.7	638.5	549.0	465.2
0°	1242.1	1141.6	1068.5	1004.6	949.8	895.0	831.1	739.8	639.3	548.0	465.8
-2.5°	1240.1	1140.2	1063.9	1000.6	949.0	894.2	830.0	736.7	638.5	549.0	465.2
-5°	1234.1	1135.7	1057.3	995.3	946.8	891.8	826.7	731.6	636.1	548.6	463.4
-7.5°	1226.1	1130.4	1051.1	989.6	943.0	887.8	821.1	724.8	632.3	546.7	460.4
-10°	1215.1	1123.7	1047.1	987.9	939.8	882.7	813.0	716.4	627.2	543.3	456.4
-12.5°	1201.0	1114.1	1041.0	984.8	935.2	876.4	803.5	709.1	621.2	538.4	451.4
-15°	1184.2	1101.6	1032.9	980.3	928.7	868.1	792.4	701.5	615.5	531.9	445.4
-17.5°	1165.2	1086.3	1022.6	974.5	920.2	857.9	779.9	692.5	608.2	524.2	439.0
-20°	1147.0	1071.7	1011.2	967.4	909.6	845.7	766.0	681.9	599.3	515.2	431.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	1126.4	1058.0	1002.5	955.3	896.1	831.4	751.0	670.0	588.6	504.8	423.2
-25°	1103.0	1042.3	990.9	939.9	879.2	812.4	735.3	656.9	576.3	493.0	413.5
-27.5°	1081.9	1025.2	976.1	923.7	862.5	792.5	718.7	641.7	562.0	479.9	402.6
-30°	1060.7	1006.9	957.6	906.0	844.9	772.8	701.0	624.6	545.8	466.1	390.5
-32.5°	1034.3	984.7	938.1	885.3	822.8	751.0	680.7	605.6	528.1	451.1	377.7
-35°	1005.4	961.1	917.8	864.0	796.8	726.0	656.7	584.6	509.1	434.7	364.0
-37.5°	975.1	935.5	893.7	837.8	768.4	698.1	629.8	560.5	488.8	416.9	349.5
-40°	945.3	907.2	866.0	804.4	735.7	667.5	601.5	535.5	467.3	397.8	334.2
-42.5°	913.3	877.4	829.6	768.4	699.3	635.0	572.0	509.6	444.2	378.7	318.0
-45°	882.0	843.4	790.4	727.1	660.5	601.1	542.7	483.0	420.3	359.2	300.9
-47.5°	848.2	802.8	747.8	684.8	622.7	566.8	512.8	455.7	395.8	338.8	283.2
-50°	806.9	759.0	702.1	643.9	585.6	533.7	482.2	427.8	371.7	317.6	264.6
-52.5°	759.2	710.2	656.7	602.5	549.3	500.1	451.1	399.2	346.5	295.4	245.4
-55°	707.9	661.1	610.9	559.8	511.2	466.0	419.5	369.5	320.1	272.2	225.8
-57.5°	652.2	610.3	562.0	514.9	471.6	430.4	385.7	338.4	292.5	248.1	207.7
-60°	592.5	552.4	509.7	469.5	431.0	391.6	349.7	306.2	264.0	223.8	188.8
-62.5°	529.5	493.5	459.0	423.7	386.7	349.4	312.5	272.9	234.5	201.6	169.4
-65°	465.9	436.0	407.3	372.9	339.0	306.5	273.9	238.6	208.1	179.0	150.2
-67.5°	400.8	376.9	349.3	319.5	292.7	264.8	234.7	208.1	182.2	155.9	132.5
-70°	341.5	318.1	294.6	272.3	248.6	223.8	201.6	179.0	155.9	135.3	114.4
-72.5°	284.9	265.9	246.3	226.3	207.8	188.8	169.4	150.2	132.5	114.4	96.1
-75°	230.6	215.9	201.0	185.6	169.7	153.6	139.0	124.1	108.8	93.3	79.5
-77.5°	181.8	169.8	157.4	145.9	134.3	122.3	110.1	97.7	85.8	74.8	63.5
-80°	133.8	125.5	117.6	109.6	100.4	90.9	82.5	74.0	65.2	56.3	47.3
-82.5°	86.4	83.2	79.9	75.8	69.9	63.7	57.4	51.0	44.5	37.8	32.8
-85°	53.3	50.8	47.9	44.5	40.5	36.5	33.7	30.8	27.9	24.9	21.9
-87.5°	24.7	23.5	22.2	20.9	19.6	18.2	16.8	15.4	14.0	12.5	11.0
-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: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	9.4	7.9	6.3	4.8	3.2	1.4	0.0
85°	18.9	15.8	12.7	9.5	6.3	2.8	0.0
82.5°	28.3	23.6	19.0	14.3	9.5	4.2	0.0
80°	38.2	31.4	25.2	19.0	12.6	5.5	0.0
77.5°	52.0	40.4	31.4	23.6	15.7	6.9	0.0
75°	65.7	51.3	38.0	28.3	18.7	8.2	0.0
72.5°	79.1	62.1	46.3	32.8	21.7	9.5	0.0
70°	92.5	72.7	54.5	37.6	24.6	10.8	0.0
67.5°	107.8	83.0	62.5	43.4	27.4	12.1	0.0
65°	122.8	94.3	70.3	49.0	30.1	13.3	0.0
62.5°	137.5	106.6	77.8	54.5	32.7	14.5	0.0
60°	151.9	118.6	85.2	59.9	35.3	15.7	0.0
57.5°	167.6	130.2	94.4	65.1	38.5	16.8	0.0
55°	183.2	141.5	103.4	70.0	41.8	17.9	0.0
52.5°	198.3	152.8	112.2	74.8	44.9	18.9	0.0
50°	212.8	164.9	120.7	79.4	48.0	19.8	0.0
47.5°	227.1	176.6	128.8	84.2	51.0	20.8	0.0
45°	242.3	187.8	136.6	90.0	53.8	21.6	0.0
42.5°	256.9	198.5	144.1	95.6	56.6	22.5	0.0
40°	270.7	208.7	151.7	101.1	59.3	23.2	0.0
37.5°	283.9	218.4	159.4	106.3	61.8	23.9	0.0
35°	296.3	228.2	166.6	111.3	64.2	24.6	0.0
32.5°	307.9	237.9	173.4	115.9	66.5	25.2	0.0
30°	318.7	246.8	179.7	120.3	68.7	25.7	0.0
27.5°	328.7	255.1	185.9	124.3	70.7	26.2	0.0
25°	337.8	262.7	191.6	128.1	72.6	26.6	0.0
22.5°	346.1	269.5	196.7	131.4	74.4	26.9	0.0
20°	353.4	275.4	201.4	134.5	76.0	27.2	0.0
17.5°	359.6	280.4	205.5	137.2	77.4	27.4	0.0
15°	364.5	284.6	209.1	139.5	78.6	27.6	0.0
12.5°	368.6	287.9	212.2	141.5	79.7	27.7	0.0
10°	371.6	290.3	214.7	143.2	80.6	27.8	0.0
7.5°	373.8	291.9	216.7	144.5	81.3	27.8	0.0
5°	374.9	292.8	218.1	145.4	81.8	27.7	0.0
2.5°	375.2	292.9	218.9	145.9	82.1	27.6	0.0
0°	374.4	292.2	219.2	146.1	82.2	27.4	0.0
-2.5°	375.2	292.9	218.9	145.9	82.1	27.6	0.0
-5°	374.9	292.8	218.1	145.4	81.8	27.7	0.0
-7.5°	373.8	291.9	216.7	144.5	81.3	27.8	0.0
-10°	371.6	290.3	214.7	143.2	80.6	27.8	0.0
-12.5°	368.6	287.9	212.2	141.5	79.7	27.7	0.0
-15°	364.5	284.6	209.1	139.5	78.6	27.6	0.0
-17.5°	359.6	280.4	205.5	137.2	77.4	27.4	0.0
-20°	353.4	275.4	201.4	134.5	76.0	27.2	0.0

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REPORT NUMBER: P627779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	346.1	269.5	196.7	131.4	74.4	26.9	0.0
-25°	337.8	262.7	191.6	128.1	72.6	26.6	0.0
-27.5°	328.7	255.1	185.9	124.3	70.7	26.2	0.0
-30°	318.7	246.8	179.7	120.3	68.7	25.7	0.0
-32.5°	307.9	237.9	173.4	115.9	66.5	25.2	0.0
-35°	296.3	228.2	166.6	111.3	64.2	24.6	0.0
-37.5°	283.9	218.4	159.4	106.3	61.8	23.9	0.0
-40°	270.7	208.7	151.7	101.1	59.3	23.2	0.0
-42.5°	256.9	198.5	144.1	95.6	56.6	22.5	0.0
-45°	242.3	187.8	136.6	90.0	53.8	21.6	0.0
-47.5°	227.1	176.6	128.8	84.2	51.0	20.8	0.0
-50°	212.8	164.9	120.7	79.4	48.0	19.8	0.0
-52.5°	198.3	152.8	112.2	74.8	44.9	18.9	0.0
-55°	183.2	141.5	103.4	70.0	41.8	17.9	0.0
-57.5°	167.6	130.2	94.4	65.1	38.5	16.8	0.0
-60°	151.9	118.6	85.2	59.9	35.3	15.7	0.0
-62.5°	137.5	106.6	77.8	54.5	32.7	14.5	0.0
-65°	122.8	94.3	70.3	49.0	30.1	13.3	0.0
-67.5°	107.8	83.0	62.5	43.4	27.4	12.1	0.0
-70°	92.5	72.7	54.5	37.6	24.6	10.8	0.0
-72.5°	79.1	62.1	46.3	32.8	21.7	9.5	0.0
-75°	65.7	51.3	38.0	28.3	18.7	8.2	0.0
-77.5°	52.0	40.4	31.4	23.6	15.7	6.9	0.0
-80°	38.2	31.4	25.2	19.0	12.6	5.5	0.0
-82.5°	28.3	23.6	19.0	14.3	9.5	4.2	0.0
-85°	18.9	15.8	12.7	9.5	6.3	2.8	0.0
-87.5°	9.4	7.9	6.3	4.8	3.2	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)