

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: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-730-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-730-U-VWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N119
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

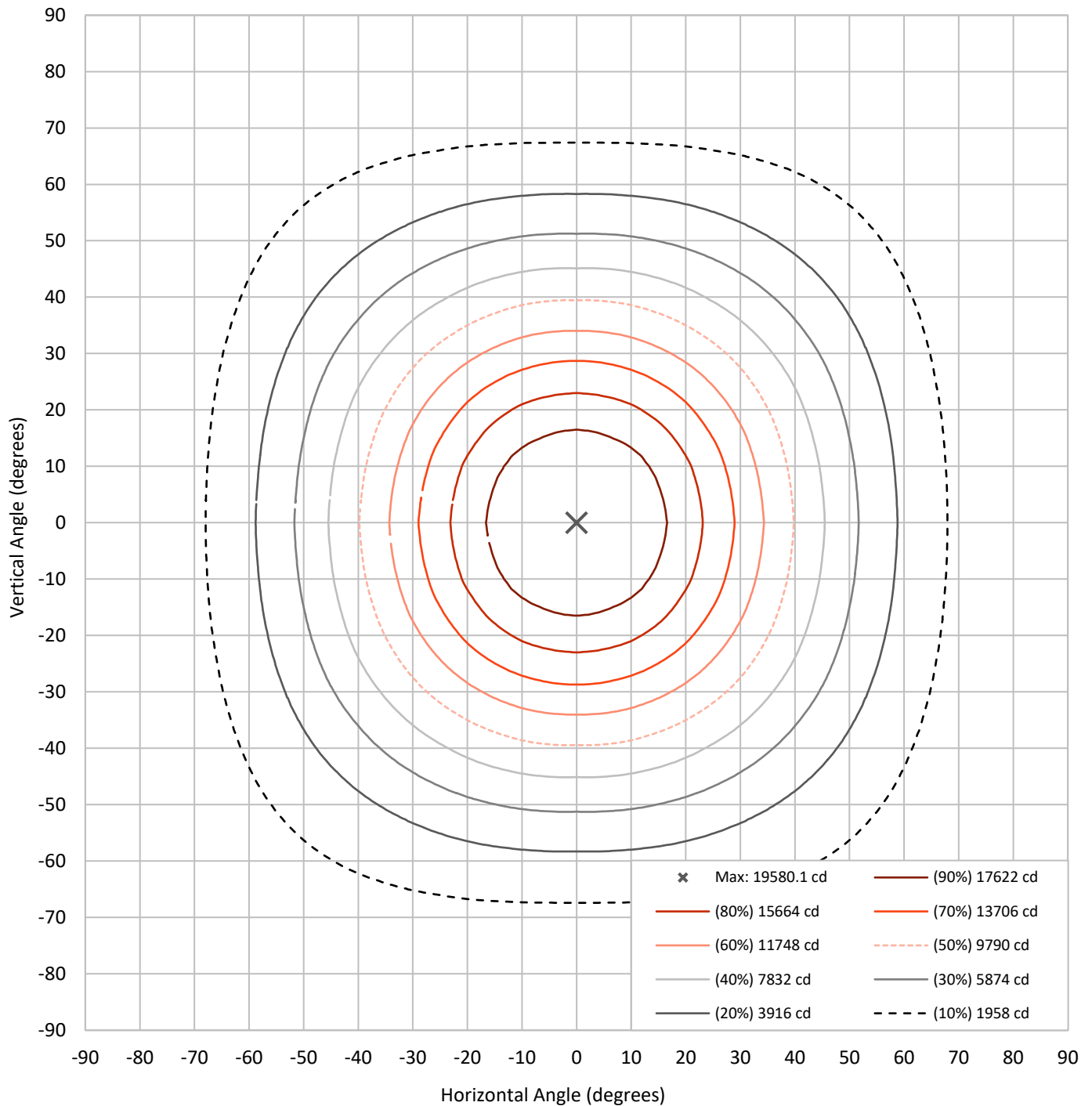
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	35389.4 lumens	Max Intensity:	19580.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	20756 lumens	Field Lumens:	33737.7 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	271.3		
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		



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Iso-Candela Plot





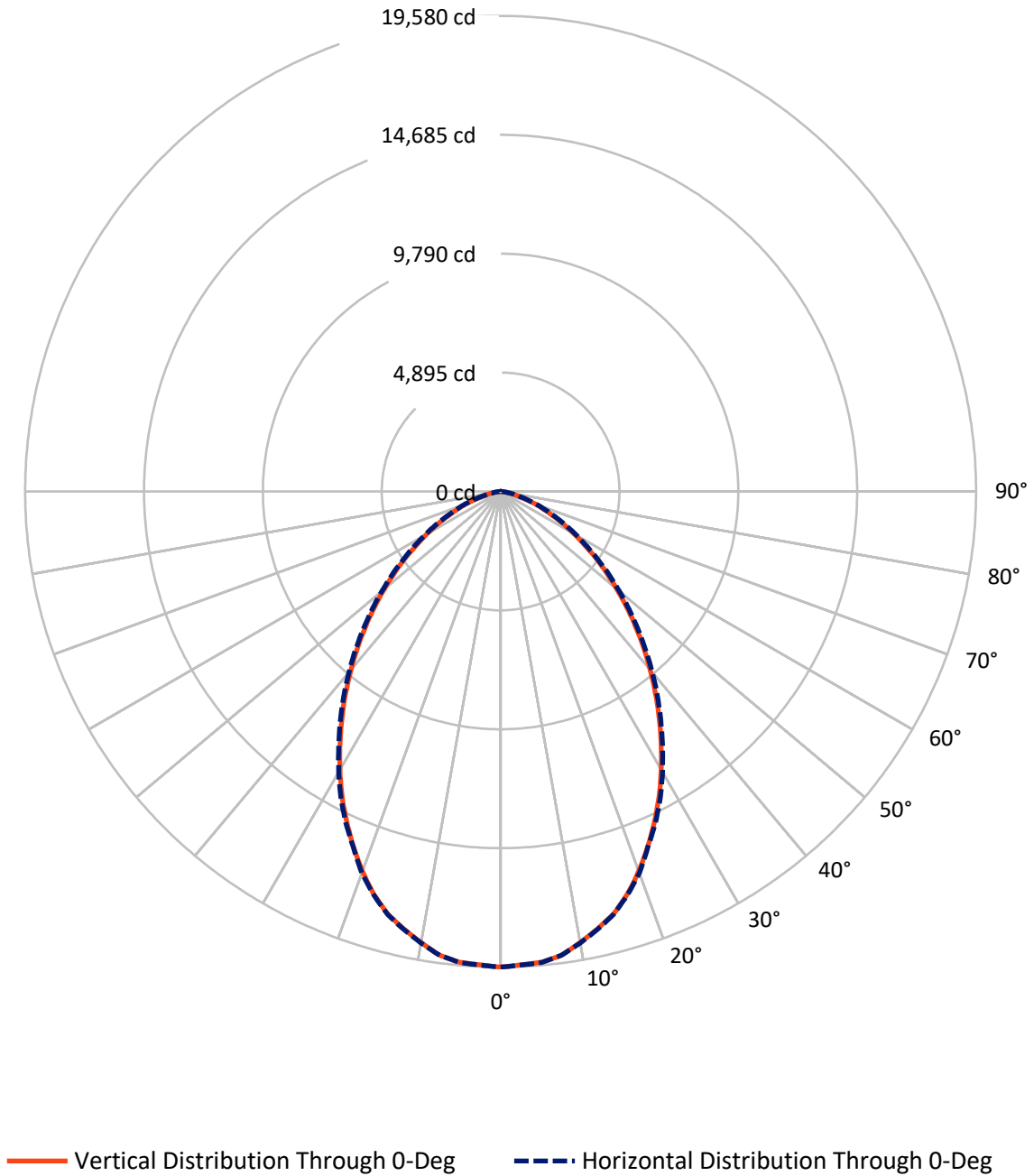
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Lumen Table

90																			
80	1.2	14.5	39.5	67.0	63.2	67.0	39.5	14.5	1.2										
70																			
60	6.6	9.1	18.3	31.2	45.7	59.0	69.0	73.8	73.8	69.0	59.0	45.7	31.2	18.3	9.1	6.6			
50																			
40	11.5	13.6	29.8	53.1	80.4	109.3	133.0	145.3	145.3	133.0	109.3	80.4	53.1	29.8	13.6	11.5			
30																			
20	14.9	18.3	43.0	79.4	125.9	174.5	215.2	237.5	237.5	215.2	174.5	125.9	79.4	43.0	18.3	14.9			
10																			
0	16.2	23.1	57.0	109.4	176.2	247.1	307.6	341.9	341.9	307.6	247.1	176.2	109.4	57.0	23.1	16.2			
-10																			
-20	14.9	27.7	70.1	137.5	224.3	318.5	400.6	447.7	447.7	400.6	318.5	224.3	137.5	70.1	27.7	14.9			
-30																			
-40	11.5	31.2	80.3	158.6	261.9	376.4	477.4	534.8	534.8	477.4	376.4	261.9	158.6	80.3	31.2	11.5			
-50																			
-60	6.6	33.1	85.9	170.6	282.8	408.5	518.9	579.3	579.3	518.9	408.5	282.8	170.6	85.9	33.1	6.6			
-70																			
-80	1.2	33.1	85.9	170.6	282.8	408.5	518.9	579.3	579.3	518.9	408.5	282.8	170.6	85.9	33.1	1.2			
-90																			

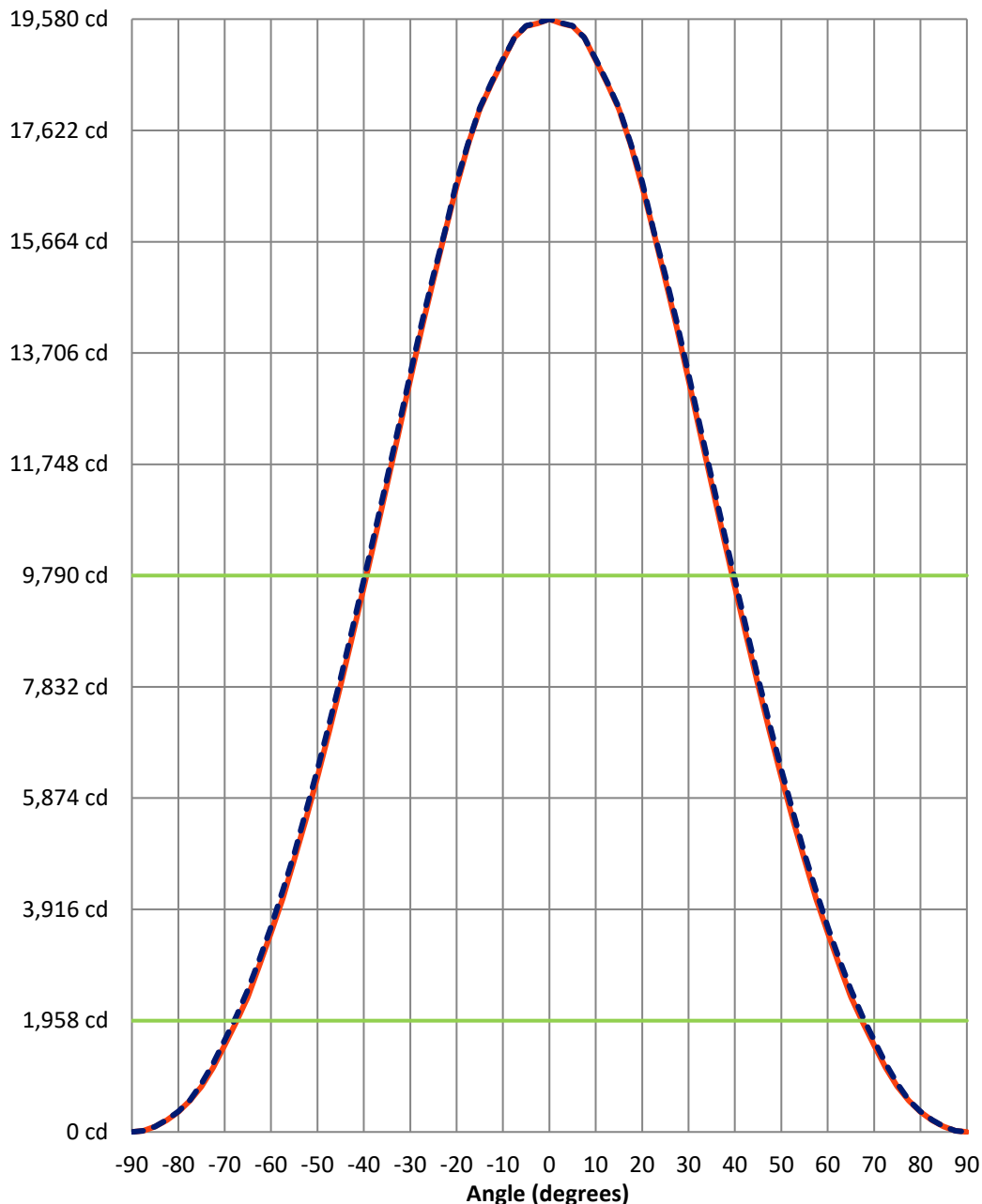
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 79.6°
V Angle: 78.9°
Lumens: 20756
Efficiency: 58.7%

Field:
H Angle: 135.9°
V Angle: 134.8°
Lumens: 33737.7
Efficiency: 95.3%

Spill:
Lumens: 1651.7
Efficiency: 4.7%

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



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.1	2.6	3.8	5.1	6.4	7.6	8.8	10.1	11.2	12.4
85°	0.0	2.2	5.1	7.7	10.2	12.7	15.2	17.7	20.1	22.5	24.8
82.5°	0.0	3.3	7.6	11.5	15.3	19.0	22.8	26.5	33.1	52.1	70.3
80°	0.0	4.5	10.2	15.3	20.3	25.3	34.2	60.9	86.6	111.2	134.9
77.5°	0.0	5.5	12.6	19.0	25.3	39.7	74.5	108.2	139.8	170.1	207.7
75°	0.0	6.6	15.1	22.8	33.0	68.6	113.9	155.1	194.6	248.9	306.6
72.5°	0.0	7.7	17.5	26.5	52.6	96.7	152.0	205.5	267.5	333.7	403.7
70°	0.0	8.7	19.8	31.7	71.5	123.9	190.0	265.9	339.0	416.8	507.9
67.5°	0.0	9.7	22.0	43.4	89.7	149.8	235.8	325.0	408.9	507.2	611.6
65°	0.0	10.7	24.2	54.6	107.1	178.9	279.5	382.5	484.3	594.9	708.7
62.5°	0.0	11.7	26.4	65.4	123.5	210.8	321.0	442.5	557.3	678.7	795.5
60°	0.0	12.6	28.4	75.5	139.0	240.9	360.1	502.1	627.5	757.2	881.1
57.5°	0.0	13.5	34.1	85.1	159.6	269.2	401.3	557.6	696.7	834.2	962.2
55°	0.0	14.4	39.7	94.0	179.2	295.6	440.4	605.5	764.8	908.7	1040.1
52.5°	0.0	15.2	45.0	102.2	197.5	320.6	476.5	655.4	831.3	977.2	1116.0
50°	0.0	16.0	50.2	109.7	214.4	347.1	509.6	702.8	894.4	1043.7	1203.0
47.5°	0.0	16.7	55.1	117.5	229.7	371.4	540.7	746.8	951.6	1108.0	1288.2
45°	0.0	17.4	59.7	127.7	243.5	393.3	575.2	787.4	996.1	1180.9	1369.7
42.5°	0.0	18.1	64.1	137.0	255.7	412.7	606.8	824.7	1038.7	1250.6	1465.7
40°	0.0	18.7	68.3	146.4	268.0	429.7	635.5	860.1	1083.0	1315.8	1559.3
37.5°	0.0	19.2	72.1	155.7	280.2	444.2	661.2	893.6	1132.7	1377.8	1647.0
35°	0.0	19.8	75.7	164.4	290.7	461.0	683.8	925.2	1181.1	1449.1	1735.5
32.5°	0.0	20.2	79.0	172.4	299.4	477.8	704.8	954.7	1228.1	1517.7	1829.1
30°	0.0	20.7	82.1	179.7	306.4	492.1	726.6	984.3	1273.5	1583.2	1916.6
27.5°	0.0	21.0	84.8	186.4	316.9	504.0	746.2	1018.6	1320.2	1645.4	1997.8
25°	0.0	21.4	87.3	192.3	326.8	513.4	763.4	1050.5	1368.9	1708.7	2072.9
22.5°	0.0	21.6	89.4	197.6	335.4	522.8	778.2	1079.7	1413.7	1768.7	2152.8
20°	0.0	21.9	91.3	202.1	342.9	535.8	790.4	1106.0	1454.3	1822.2	2224.6
17.5°	0.0	22.0	92.8	205.9	349.2	546.5	805.6	1129.2	1490.6	1869.2	2287.8
15°	0.0	22.2	94.1	209.0	354.2	554.7	821.5	1151.2	1522.1	1909.5	2342.3
12.5°	0.0	22.3	95.0	211.4	358.1	560.7	834.4	1172.0	1550.5	1943.0	2388.0
10°	0.0	22.3	95.7	213.1	360.7	564.4	844.2	1188.0	1575.2	1974.4	2426.5
7.5°	0.0	22.3	96.0	214.1	362.2	565.9	850.9	1199.1	1594.1	1999.7	2459.7
5°	0.0	22.2	96.1	214.3	362.5	565.2	854.4	1205.5	1607.1	2018.0	2483.5
2.5°	0.0	22.1	95.9	213.9	361.6	562.5	854.5	1207.0	1614.0	2029.1	2497.8
0°	0.0	22.0	95.4	212.8	359.6	557.8	851.3	1203.6	1614.6	2032.9	2502.6
-2.5°	0.0	22.1	95.9	213.9	361.6	562.5	854.5	1207.0	1614.0	2029.1	2497.8
-5°	0.0	22.2	96.1	214.3	362.5	565.2	854.4	1205.5	1607.1	2018.0	2483.5
-7.5°	0.0	22.3	96.0	214.1	362.2	565.9	850.9	1199.1	1594.1	1999.7	2459.7
-10°	0.0	22.3	95.7	213.1	360.7	564.4	844.2	1188.0	1575.2	1974.4	2426.5
-12.5°	0.0	22.3	95.0	211.4	358.1	560.7	834.4	1172.0	1550.5	1943.0	2388.0
-15°	0.0	22.2	94.1	209.0	354.2	554.7	821.5	1151.2	1522.1	1909.5	2342.3
-17.5°	0.0	22.0	92.8	205.9	349.2	546.5	805.6	1129.2	1490.6	1869.2	2287.8
-20°	0.0	21.9	91.3	202.1	342.9	535.8	790.4	1106.0	1454.3	1822.2	2224.6

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Scaled Data Report



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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	21.6	89.4	197.6	335.4	522.8	778.2	1079.7	1413.7	1768.7	2152.8
-25°	0.0	21.4	87.3	192.3	326.8	513.4	763.4	1050.5	1368.9	1708.7	2072.9
-27.5°	0.0	21.0	84.8	186.4	316.9	504.0	746.2	1018.6	1320.2	1645.4	1997.8
-30°	0.0	20.7	82.1	179.7	306.4	492.1	726.6	984.3	1273.5	1583.2	1916.6
-32.5°	0.0	20.2	79.0	172.4	299.4	477.8	704.8	954.7	1228.1	1517.7	1829.1
-35°	0.0	19.8	75.7	164.4	290.7	461.0	683.8	925.2	1181.1	1449.1	1735.5
-37.5°	0.0	19.2	72.1	155.7	280.2	444.2	661.2	893.6	1132.7	1377.8	1647.0
-40°	0.0	18.7	68.3	146.4	268.0	429.7	635.5	860.1	1083.0	1315.8	1559.3
-42.5°	0.0	18.1	64.1	137.0	255.7	412.7	606.8	824.7	1038.7	1250.6	1465.7
-45°	0.0	17.4	59.7	127.7	243.5	393.3	575.2	787.4	996.1	1180.9	1369.7
-47.5°	0.0	16.7	55.1	117.5	229.7	371.4	540.7	746.8	951.6	1108.0	1288.2
-50°	0.0	16.0	50.2	109.7	214.4	347.1	509.6	702.8	894.4	1043.7	1203.0
-52.5°	0.0	15.2	45.0	102.2	197.5	320.6	476.5	655.4	831.3	977.2	1116.0
-55°	0.0	14.4	39.7	94.0	179.2	295.6	440.4	605.5	764.8	908.7	1040.1
-57.5°	0.0	13.5	34.1	85.1	159.6	269.2	401.3	557.6	696.7	834.2	962.2
-60°	0.0	12.6	28.4	75.5	139.0	240.9	360.1	502.1	627.5	757.2	881.1
-62.5°	0.0	11.7	26.4	65.4	123.5	210.8	321.0	442.5	557.3	678.7	795.5
-65°	0.0	10.7	24.2	54.6	107.1	178.9	279.5	382.5	484.3	594.9	708.7
-67.5°	0.0	9.7	22.0	43.4	89.7	149.8	235.8	325.0	408.9	507.2	611.6
-70°	0.0	8.7	19.8	31.7	71.5	123.9	190.0	265.9	339.0	416.8	507.9
-72.5°	0.0	7.7	17.5	26.5	52.6	96.7	152.0	205.5	267.5	333.7	403.7
-75°	0.0	6.6	15.1	22.8	33.0	68.6	113.9	155.1	194.6	248.9	306.6
-77.5°	0.0	5.5	12.6	19.0	25.3	39.7	74.5	108.2	139.8	170.1	207.7
-80°	0.0	4.5	10.2	15.3	20.3	25.3	34.2	60.9	86.6	111.2	134.9
-82.5°	0.0	3.3	7.6	11.5	15.3	19.0	22.8	26.5	33.1	52.1	70.3
-85°	0.0	2.2	5.1	7.7	10.2	12.7	15.2	17.7	20.1	22.5	24.8
-87.5°	0.0	1.1	2.6	3.8	5.1	6.4	7.6	8.8	10.1	11.2	12.4
-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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 CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.4	16.5	18.7	21.0	21.2	21.3	21.1	20.8	21.7	22.5	23.3
85°	28.7	32.9	45.8	58.1	64.1	67.8	69.4	69.1	80.4	93.4	107.5
82.5°	89.3	107.7	125.3	142.0	146.3	146.4	145.0	145.4	171.8	202.1	233.1
80°	159.0	182.3	213.3	240.8	252.7	258.9	261.7	261.2	294.6	339.1	385.9
77.5°	252.3	291.6	325.7	354.8	370.5	384.3	395.6	404.2	447.2	503.4	559.2
75°	358.5	401.6	444.4	481.8	507.9	527.3	545.3	574.3	630.5	696.2	753.3
72.5°	470.6	525.6	573.4	613.9	650.5	689.5	733.0	780.7	840.1	905.6	965.3
70°	590.3	650.8	700.8	749.6	799.6	857.8	923.2	987.5	1053.7	1126.0	1195.6
67.5°	707.4	765.8	824.7	886.3	961.0	1039.0	1116.3	1204.9	1295.7	1376.0	1447.9
65°	809.2	877.6	951.3	1034.9	1127.2	1226.3	1329.4	1435.8	1550.9	1647.3	1735.2
62.5°	906.3	988.6	1078.2	1182.3	1300.0	1417.5	1549.0	1682.1	1811.6	1925.3	2030.3
60°	995.9	1095.6	1208.8	1336.5	1473.9	1629.9	1779.7	1931.1	2073.2	2201.9	2334.7
57.5°	1083.0	1208.4	1344.3	1497.6	1671.4	1846.6	2022.7	2185.6	2346.4	2503.2	2653.3
55°	1175.2	1326.3	1488.0	1676.1	1871.9	2079.3	2268.9	2450.7	2627.8	2818.1	2999.0
52.5°	1276.6	1445.4	1647.8	1858.3	2084.6	2307.1	2515.4	2722.5	2936.6	3151.9	3387.4
50°	1374.4	1585.0	1806.7	2051.5	2296.0	2534.4	2773.3	3011.7	3268.3	3532.5	3799.3
47.5°	1488.8	1718.6	1980.5	2243.0	2510.2	2775.5	3041.6	3329.8	3621.3	3927.7	4222.8
45°	1604.6	1862.9	2145.0	2442.0	2730.9	3024.5	3335.8	3654.4	3996.2	4333.1	4688.2
42.5°	1714.3	2006.3	2317.3	2638.0	2959.3	3287.4	3629.7	4001.9	4375.4	4763.9	5154.1
40°	1835.8	2142.6	2485.6	2838.9	3187.5	3551.3	3942.4	4345.5	4768.0	5195.3	5619.1
37.5°	1952.6	2289.9	2650.4	3030.6	3421.9	3821.6	4246.4	4703.9	5162.2	5622.0	6089.3
35°	2062.0	2429.6	2820.1	3223.7	3638.6	4093.3	4568.1	5056.5	5553.1	6050.3	6553.0
32.5°	2174.6	2561.2	2982.1	3414.1	3871.3	4359.0	4879.0	5408.2	5937.1	6468.1	7018.3
30°	2287.4	2699.3	3139.1	3594.2	4094.3	4625.6	5184.5	5745.1	6304.6	6888.9	7475.3
27.5°	2394.0	2830.3	3293.4	3780.3	4308.0	4872.5	5466.1	6066.6	6669.9	7291.1	7916.5
25°	2492.1	2954.4	3436.5	3959.4	4518.7	5110.1	5728.5	6355.2	7016.7	7681.5	8334.6
22.5°	2587.8	3068.4	3569.1	4124.4	4709.6	5330.8	5974.7	6636.4	7327.7	8041.6	8717.4
20°	2679.9	3177.0	3698.1	4273.9	4880.6	5529.5	6198.5	6891.4	7616.6	8349.6	9076.6
17.5°	2761.7	3273.4	3818.3	4413.7	5043.8	5711.0	6400.0	7115.7	7873.2	8633.0	9403.3
15°	2832.9	3357.4	3922.3	4535.7	5188.1	5876.1	6587.1	7323.2	8100.2	8891.4	9692.2
12.5°	2893.1	3428.5	4009.9	4639.4	5310.5	6017.6	6747.9	7509.8	8307.8	9121.1	9945.1
10°	2942.1	3486.4	4080.8	4724.1	5410.5	6134.7	6880.3	7663.7	8485.6	9316.6	10157.9
7.5°	2983.7	3534.8	4137.0	4789.5	5487.5	6226.2	6983.4	7783.8	8627.2	9469.1	10328.9
5°	3014.0	3573.9	4188.7	4844.3	5554.5	6297.8	7061.5	7869.3	8730.8	9577.6	10452.8
2.5°	3032.2	3599.3	4223.8	4879.8	5607.2	6351.5	7130.9	7944.9	8806.7	9663.8	10546.0
0°	3038.3	3610.7	4241.9	4895.0	5636.3	6377.5	7170.1	7984.7	8843.3	9716.7	10604.7
-2.5°	3032.2	3599.3	4223.8	4879.8	5607.2	6351.5	7130.9	7944.9	8806.7	9663.8	10546.0
-5°	3014.0	3573.9	4188.7	4844.3	5554.5	6297.8	7061.5	7869.3	8730.8	9577.6	10452.8
-7.5°	2983.7	3534.8	4137.0	4789.5	5487.5	6226.2	6983.4	7783.8	8627.2	9469.1	10328.9
-10°	2942.1	3486.4	4080.8	4724.1	5410.5	6134.7	6880.3	7663.7	8485.6	9316.6	10157.9
-12.5°	2893.1	3428.5	4009.9	4639.4	5310.5	6017.6	6747.9	7509.8	8307.8	9121.1	9945.1
-15°	2832.9	3357.4	3922.3	4535.7	5188.1	5876.1	6587.1	7323.2	8100.2	8891.4	9692.2
-17.5°	2761.7	3273.4	3818.3	4413.7	5043.8	5711.0	6400.0	7115.7	7873.2	8633.0	9403.3
-20°	2679.9	3177.0	3698.1	4273.9	4880.6	5529.5	6198.5	6891.4	7616.6	8349.6	9076.6



REPORT NUMBER: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2587.8	3068.4	3569.1	4124.4	4709.6	5330.8	5974.7	6636.4	7327.7	8041.6	8717.4
-25°	2492.1	2954.4	3436.5	3959.4	4518.7	5110.1	5728.5	6355.2	7016.7	7681.5	8334.6
-27.5°	2394.0	2830.3	3293.4	3780.3	4308.0	4872.5	5466.1	6066.6	6669.9	7291.1	7916.5
-30°	2287.4	2699.3	3139.1	3594.2	4094.3	4625.6	5184.5	5745.1	6304.6	6888.9	7475.3
-32.5°	2174.6	2561.2	2982.1	3414.1	3871.3	4359.0	4879.0	5408.2	5937.1	6468.1	7018.3
-35°	2062.0	2429.6	2820.1	3223.7	3638.6	4093.3	4568.1	5056.5	5553.1	6050.3	6553.0
-37.5°	1952.6	2289.9	2650.4	3030.6	3421.9	3821.6	4246.4	4703.9	5162.2	5622.0	6089.3
-40°	1835.8	2142.6	2485.6	2838.9	3187.5	3551.3	3942.4	4345.5	4768.0	5195.3	5619.1
-42.5°	1714.3	2006.3	2317.3	2638.0	2959.3	3287.4	3629.7	4001.9	4375.4	4763.9	5154.1
-45°	1604.6	1862.9	2145.0	2442.0	2730.9	3024.5	3335.8	3654.4	3996.2	4333.1	4688.2
-47.5°	1488.8	1718.6	1980.5	2243.0	2510.2	2775.5	3041.6	3329.8	3621.3	3927.7	4222.8
-50°	1374.4	1585.0	1806.7	2051.5	2296.0	2534.4	2773.3	3011.7	3268.3	3532.5	3799.3
-52.5°	1276.6	1445.4	1647.8	1858.3	2084.6	2307.1	2515.4	2722.5	2936.6	3151.9	3387.4
-55°	1175.2	1326.3	1488.0	1676.1	1871.9	2079.3	2268.9	2450.7	2627.8	2818.1	2999.0
-57.5°	1083.0	1208.4	1344.3	1497.6	1671.4	1846.6	2022.7	2185.6	2346.4	2503.2	2653.3
-60°	995.9	1095.6	1208.8	1336.5	1473.9	1629.9	1779.7	1931.1	2073.2	2201.9	2334.7
-62.5°	906.3	988.6	1078.2	1182.3	1300.0	1417.5	1549.0	1682.1	1811.6	1925.3	2030.3
-65°	809.2	877.6	951.3	1034.9	1127.2	1226.3	1329.4	1435.8	1550.9	1647.3	1735.2
-67.5°	707.4	765.8	824.7	886.3	961.0	1039.0	1116.3	1204.9	1295.7	1376.0	1447.9
-70°	590.3	650.8	700.8	749.6	799.6	857.8	923.2	987.5	1053.7	1126.0	1195.6
-72.5°	470.6	525.6	573.4	613.9	650.5	689.5	733.0	780.7	840.1	905.6	965.3
-75°	358.5	401.6	444.4	481.8	507.9	527.3	545.3	574.3	630.5	696.2	753.3
-77.5°	252.3	291.6	325.7	354.8	370.5	384.3	395.6	404.2	447.2	503.4	559.2
-80°	159.0	182.3	213.3	240.8	252.7	258.9	261.7	261.2	294.6	339.1	385.9
-82.5°	89.3	107.7	125.3	142.0	146.3	146.4	145.0	145.4	171.8	202.1	233.1
-85°	28.7	32.9	45.8	58.1	64.1	67.8	69.4	69.1	80.4	93.4	107.5
-87.5°	14.4	16.5	18.7	21.0	21.2	21.3	21.1	20.8	21.7	22.5	23.3
-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: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.1	24.8	25.5	26.1	26.6	27.2	27.6	28.0	28.4	26.9	25.3
85°	122.6	131.3	139.4	147.1	154.5	161.5	168.0	174.1	179.7	164.2	146.9
82.5°	264.7	286.0	306.2	326.3	346.2	351.3	352.8	352.1	349.3	321.9	291.6
80°	432.2	468.1	502.0	535.7	568.9	572.6	568.8	562.0	552.3	516.4	475.7
77.5°	614.9	660.2	699.8	736.1	769.2	775.4	774.5	772.9	770.2	733.5	689.2
75°	802.2	846.5	889.2	925.5	955.9	969.8	976.6	981.4	984.1	957.8	923.3
72.5°	1019.3	1065.4	1103.1	1138.4	1168.3	1189.9	1205.4	1217.1	1225.1	1217.1	1203.0
70°	1255.0	1304.5	1346.1	1385.9	1426.4	1458.9	1483.3	1501.1	1512.4	1519.8	1525.0
67.5°	1520.4	1586.8	1644.7	1694.1	1743.1	1789.0	1826.7	1857.5	1881.3	1901.5	1917.1
65°	1819.3	1904.2	1979.4	2048.5	2111.8	2178.4	2233.0	2278.9	2315.7	2346.2	2370.7
62.5°	2133.7	2237.7	2334.2	2427.9	2519.7	2610.2	2679.6	2742.8	2799.0	2847.3	2885.7
60°	2460.3	2578.5	2708.1	2831.7	2945.6	3049.6	3152.9	3242.4	3318.9	3382.5	3433.7
57.5°	2811.4	2964.4	3115.8	3269.5	3414.7	3550.6	3677.7	3789.9	3884.7	3962.5	4027.8
55°	3190.6	3382.0	3557.7	3751.6	3938.8	4109.3	4259.4	4391.3	4505.4	4600.9	4682.1
52.5°	3607.6	3840.1	4068.4	4288.9	4501.5	4699.3	4879.0	5032.6	5169.3	5286.4	5379.9
50°	4063.9	4330.0	4594.5	4839.8	5084.1	5312.0	5517.9	5696.2	5855.3	5992.9	6101.3
47.5°	4541.1	4844.0	5139.4	5420.1	5690.4	5943.8	6166.8	6370.1	6568.3	6730.1	6857.9
45°	5036.6	5376.3	5702.2	6023.2	6320.9	6604.9	6880.1	7133.1	7336.6	7514.8	7664.4
42.5°	5538.2	5917.1	6282.0	6632.3	6959.6	7288.0	7597.6	7874.2	8106.2	8308.8	8478.8
40°	6046.2	6461.0	6863.1	7245.0	7619.2	7977.2	8312.1	8603.8	8865.5	9106.1	9306.5
37.5°	6551.7	7008.1	7453.6	7881.4	8293.4	8681.2	9043.0	9372.7	9668.0	9942.0	10164.5
35°	7059.4	7560.2	8047.8	8518.6	8968.7	9396.7	9792.8	10167.9	10515.9	10793.4	11021.1
32.5°	7565.2	8103.5	8634.3	9152.6	9645.2	10106.6	10535.7	10950.3	11308.2	11613.3	11875.0
30°	8054.6	8637.8	9215.8	9777.7	10309.9	10809.9	11285.1	11723.4	12108.4	12442.0	12735.5
27.5°	8534.9	9161.5	9781.6	10381.9	10957.2	11500.6	12019.2	12494.5	12914.6	13277.2	13586.7
25°	8988.8	9662.3	10323.2	10959.7	11574.4	12173.6	12733.6	13252.3	13701.0	14099.1	14417.2
22.5°	9422.5	10140.7	10835.2	11504.8	12162.2	12808.1	13421.2	13962.8	14438.4	14854.5	15206.6
20°	9826.5	10596.1	11306.7	12014.8	12707.3	13397.1	14055.2	14626.6	15129.9	15572.9	15961.0
17.5°	10204.2	10993.6	11741.7	12495.7	13225.6	13949.1	14617.8	15230.3	15773.2	16243.7	16650.1
15°	10523.9	11321.1	12138.2	12943.1	13712.8	14445.5	15113.6	15753.3	16356.1	16864.9	17277.0
12.5°	10782.8	11611.8	12464.2	13318.8	14132.8	14864.5	15563.9	16212.9	16846.0	17417.5	17796.4
10°	11003.4	11857.1	12737.1	13608.6	14433.5	15207.7	15968.1	16654.2	17276.4	17788.2	18211.2
7.5°	11194.2	12073.6	12967.3	13840.2	14662.3	15462.3	16245.1	16973.8	17601.9	18084.1	18461.4
5°	11334.8	12235.1	13146.1	14027.1	14860.7	15663.2	16449.6	17169.2	17782.3	18272.9	18684.4
2.5°	11435.5	12344.2	13261.8	14144.0	14996.0	15800.6	16606.6	17334.3	17928.1	18377.5	18771.6
0°	11500.0	12410.0	13334.7	14237.4	15074.0	15852.0	16718.0	17400.5	18016.9	18464.6	18875.6
-2.5°	11435.5	12344.2	13261.8	14144.0	14996.0	15800.6	16606.6	17334.3	17928.1	18377.5	18771.6
-5°	11334.8	12235.1	13146.1	14027.1	14860.7	15663.2	16449.6	17169.2	17782.3	18272.9	18684.4
-7.5°	11194.2	12073.6	12967.3	13840.2	14662.3	15462.3	16245.1	16973.8	17601.9	18084.1	18461.4
-10°	11003.4	11857.1	12737.1	13608.6	14433.5	15207.7	15968.1	16654.2	17276.4	17788.2	18211.2
-12.5°	10782.8	11611.8	12464.2	13318.8	14132.8	14864.5	15563.9	16212.9	16846.0	17417.5	17796.4
-15°	10523.9	11321.1	12138.2	12943.1	13712.8	14445.5	15113.6	15753.3	16356.1	16864.9	17277.0
-17.5°	10204.2	10993.6	11741.7	12495.7	13225.6	13949.1	14617.8	15230.3	15773.2	16243.7	16650.1
-20°	9826.5	10596.1	11306.7	12014.8	12707.3	13397.1	14055.2	14626.6	15129.9	15572.9	15961.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9422.5	10140.7	10835.2	11504.8	12162.2	12808.1	13421.2	13962.8	14438.4	14854.5	15206.6
-25°	8988.8	9662.3	10323.2	10959.7	11574.4	12173.6	12733.6	13252.3	13701.0	14099.1	14417.2
-27.5°	8534.9	9161.5	9781.6	10381.9	10957.2	11500.6	12019.2	12494.5	12914.6	13277.2	13586.7
-30°	8054.6	8637.8	9215.8	9777.7	10309.9	10809.9	11285.1	11723.4	12108.4	12442.0	12735.5
-32.5°	7565.2	8103.5	8634.3	9152.6	9645.2	10106.6	10535.7	10950.3	11308.2	11613.3	11875.0
-35°	7059.4	7560.2	8047.8	8518.6	8968.7	9396.7	9792.8	10167.9	10515.9	10793.4	11021.1
-37.5°	6551.7	7008.1	7453.6	7881.4	8293.4	8681.2	9043.0	9372.7	9668.0	9942.0	10164.5
-40°	6046.2	6461.0	6863.1	7245.0	7619.2	7977.2	8312.1	8603.8	8865.5	9106.1	9306.5
-42.5°	5538.2	5917.1	6282.0	6632.3	6959.6	7288.0	7597.6	7874.2	8106.2	8308.8	8478.8
-45°	5036.6	5376.3	5702.2	6023.2	6320.9	6604.9	6880.1	7133.1	7336.6	7514.8	7664.4
-47.5°	4541.1	4844.0	5139.4	5420.1	5690.4	5943.8	6166.8	6370.1	6568.3	6730.1	6857.9
-50°	4063.9	4330.0	4594.5	4839.8	5084.1	5312.0	5517.9	5696.2	5855.3	5992.9	6101.3
-52.5°	3607.6	3840.1	4068.4	4288.9	4501.5	4699.3	4879.0	5032.6	5169.3	5286.4	5379.9
-55°	3190.6	3382.0	3557.7	3751.6	3938.8	4109.3	4259.4	4391.3	4505.4	4600.9	4682.1
-57.5°	2811.4	2964.4	3115.8	3269.5	3414.7	3550.6	3677.7	3789.9	3884.7	3962.5	4027.8
-60°	2460.3	2578.5	2708.1	2831.7	2945.6	3049.6	3152.9	3242.4	3318.9	3382.5	3433.7
-62.5°	2133.7	2237.7	2334.2	2427.9	2519.7	2610.2	2679.6	2742.8	2799.0	2847.3	2885.7
-65°	1819.3	1904.2	1979.4	2048.5	2111.8	2178.4	2233.0	2278.9	2315.7	2346.2	2370.7
-67.5°	1520.4	1586.8	1644.7	1694.1	1743.1	1789.0	1826.7	1857.5	1881.3	1901.5	1917.1
-70°	1255.0	1304.5	1346.1	1385.9	1426.4	1458.9	1483.3	1501.1	1512.4	1519.8	1525.0
-72.5°	1019.3	1065.4	1103.1	1138.4	1168.3	1189.9	1205.4	1217.1	1225.1	1217.1	1203.0
-75°	802.2	846.5	889.2	925.5	955.9	969.8	976.6	981.4	984.1	957.8	923.3
-77.5°	614.9	660.2	699.8	736.1	769.2	775.4	774.5	772.9	770.2	733.5	689.2
-80°	432.2	468.1	502.0	535.7	568.9	572.6	568.8	562.0	552.3	516.4	475.7
-82.5°	264.7	286.0	306.2	326.3	346.2	351.3	352.8	352.1	349.3	321.9	291.6
-85°	122.6	131.3	139.4	147.1	154.5	161.5	168.0	174.1	179.7	164.2	146.9
-87.5°	24.1	24.8	25.5	26.1	26.6	27.2	27.6	28.0	28.4	26.9	25.3
-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: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.7	21.9	22.0	22.0	22.0	21.9	23.7	25.3	26.9	28.4	28.0
85°	128.7	109.6	102.6	95.4	102.6	109.6	128.7	146.9	164.2	179.7	174.1
82.5°	259.8	226.7	216.3	205.5	216.3	226.7	259.8	291.6	321.9	349.3	352.1
80°	432.8	388.0	370.3	352.3	370.3	388.0	432.8	475.7	516.4	552.3	562.0
77.5°	642.3	593.0	572.0	550.4	572.0	593.0	642.3	689.2	733.5	770.2	772.9
75°	887.0	848.4	825.0	799.9	825.0	848.4	887.0	923.3	957.8	984.1	981.4
72.5°	1186.9	1168.0	1151.0	1130.2	1151.0	1168.0	1186.9	1203.0	1217.1	1225.1	1217.1
70°	1526.7	1524.3	1527.4	1526.5	1527.4	1524.3	1526.7	1525.0	1519.8	1512.4	1501.1
67.5°	1925.1	1925.6	1933.8	1937.5	1933.8	1925.6	1925.1	1917.1	1901.5	1881.3	1857.5
65°	2385.8	2391.4	2389.3	2377.8	2389.3	2391.4	2385.8	2370.7	2346.2	2315.7	2278.9
62.5°	2913.0	2928.9	2937.5	2935.5	2937.5	2928.9	2913.0	2885.7	2847.3	2799.0	2742.8
60°	3472.0	3496.8	3509.3	3508.0	3509.3	3496.8	3472.0	3433.7	3382.5	3318.9	3242.4
57.5°	4076.4	4108.3	4115.7	4102.4	4115.7	4108.3	4076.4	4027.8	3962.5	3884.7	3789.9
55°	4743.3	4784.0	4799.7	4792.3	4799.7	4784.0	4743.3	4682.1	4600.9	4505.4	4391.3
52.5°	5448.4	5492.4	5508.1	5496.8	5508.1	5492.4	5448.4	5379.9	5286.4	5169.3	5032.6
50°	6180.8	6234.1	6255.6	6245.4	6255.6	6234.1	6180.8	6101.3	5992.9	5855.3	5696.2
47.5°	6958.2	7029.2	7056.8	7038.0	7056.8	7029.2	6958.2	6857.9	6730.1	6568.3	6370.1
45°	7776.2	7849.8	7878.3	7859.9	7878.3	7849.8	7776.2	7664.4	7514.8	7336.6	7133.1
42.5°	8608.8	8704.4	8744.8	8711.2	8744.8	8704.4	8608.8	8478.8	8308.8	8106.2	7874.2
40°	9456.1	9559.9	9607.8	9584.6	9607.8	9559.9	9456.1	9306.5	9106.1	8865.5	8603.8
37.5°	10325.2	10428.5	10479.3	10479.9	10479.3	10428.5	10325.2	10164.5	9942.0	9668.0	9372.7
35°	11197.5	11322.5	11393.3	11389.9	11393.3	11322.5	11197.5	11021.1	10793.4	10515.9	10167.9
32.5°	12082.0	12217.4	12289.8	12299.9	12289.8	12217.4	12082.0	11875.0	11613.3	11308.2	10950.3
30°	12965.0	13113.9	13197.7	13232.0	13197.7	13113.9	12965.0	12735.5	12442.0	12108.4	11723.4
27.5°	13821.3	14004.6	14131.0	14142.0	14131.0	14004.6	13821.3	13586.7	13277.2	12914.6	12494.5
25°	14650.6	14837.2	14966.9	14993.3	14966.9	14837.2	14650.6	14417.2	14099.1	13701.0	13252.3
22.5°	15468.1	15663.1	15782.8	15829.9	15782.8	15663.1	15468.1	15206.6	14854.5	14438.4	13962.8
20°	16248.4	16459.7	16586.7	16637.2	16586.7	16459.7	16248.4	15961.0	15572.9	15129.9	14626.6
17.5°	16954.3	17177.6	17334.4	17378.4	17334.4	17177.6	16954.3	16650.1	16243.7	15773.2	15230.3
15°	17575.6	17787.4	17936.2	17994.9	17936.2	17787.4	17575.6	17277.0	16864.9	16356.1	15753.3
12.5°	18081.2	18270.7	18387.2	18442.6	18387.2	18270.7	18081.2	17796.4	17417.5	16846.0	16212.9
10°	18476.2	18666.3	18777.6	18853.6	18777.6	18666.3	18476.2	18211.2	17788.2	17276.4	16654.2
7.5°	18819.1	19013.9	19150.1	19257.2	19150.1	19013.9	18819.1	18461.4	18084.1	17601.9	16973.8
5°	19008.4	19333.6	19382.5	19455.3	19382.5	19333.6	19008.4	18684.4	18272.9	17782.3	17169.2
2.5°	19152.8	19383.4	19522.0	19506.7	19522.0	19383.4	19152.8	18771.6	18377.5	17928.1	17334.3
0°	19257.2	19462.7	19514.1	19580.1	19514.1	19462.7	19257.2	18875.6	18464.6	18016.9	17400.5
-2.5°	19152.8	19383.4	19522.0	19506.7	19522.0	19383.4	19152.8	18771.6	18377.5	17928.1	17334.3
-5°	19008.4	19333.6	19382.5	19455.3	19382.5	19333.6	19008.4	18684.4	18272.9	17782.3	17169.2
-7.5°	18819.1	19013.9	19150.1	19257.2	19150.1	19013.9	18819.1	18461.4	18084.1	17601.9	16973.8
-10°	18476.2	18666.3	18777.6	18853.6	18777.6	18666.3	18476.2	18211.2	17788.2	17276.4	16654.2
-12.5°	18081.2	18270.7	18387.2	18442.6	18387.2	18270.7	18081.2	17796.4	17417.5	16846.0	16212.9
-15°	17575.6	17787.4	17936.2	17994.9	17936.2	17787.4	17575.6	17277.0	16864.9	16356.1	15753.3
-17.5°	16954.3	17177.6	17334.4	17378.4	17334.4	17177.6	16954.3	16650.1	16243.7	15773.2	15230.3
-20°	16248.4	16459.7	16586.7	16637.2	16586.7	16459.7	16248.4	15961.0	15572.9	15129.9	14626.6



REPORT NUMBER: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15468.1	15663.1	15782.8	15829.9	15782.8	15663.1	15468.1	15206.6	14854.5	14438.4	13962.8
-25°	14650.6	14837.2	14966.9	14993.3	14966.9	14837.2	14650.6	14417.2	14099.1	13701.0	13252.3
-27.5°	13821.3	14004.6	14131.0	14142.0	14131.0	14004.6	13821.3	13586.7	13277.2	12914.6	12494.5
-30°	12965.0	13113.9	13197.7	13232.0	13197.7	13113.9	12965.0	12735.5	12442.0	12108.4	11723.4
-32.5°	12082.0	12217.4	12289.8	12299.9	12289.8	12217.4	12082.0	11875.0	11613.3	11308.2	10950.3
-35°	11197.5	11322.5	11393.3	11389.9	11393.3	11322.5	11197.5	11021.1	10793.4	10515.9	10167.9
-37.5°	10325.2	10428.5	10479.3	10479.9	10479.3	10428.5	10325.2	10164.5	9942.0	9668.0	9372.7
-40°	9456.1	9559.9	9607.8	9584.6	9607.8	9559.9	9456.1	9306.5	9106.1	8865.5	8603.8
-42.5°	8608.8	8704.4	8744.8	8711.2	8744.8	8704.4	8608.8	8478.8	8308.8	8106.2	7874.2
-45°	7776.2	7849.8	7878.3	7859.9	7878.3	7849.8	7776.2	7664.4	7514.8	7336.6	7133.1
-47.5°	6958.2	7029.2	7056.8	7038.0	7056.8	7029.2	6958.2	6857.9	6730.1	6568.3	6370.1
-50°	6180.8	6234.1	6255.6	6245.4	6255.6	6234.1	6180.8	6101.3	5992.9	5855.3	5696.2
-52.5°	5448.4	5492.4	5508.1	5496.8	5508.1	5492.4	5448.4	5379.9	5286.4	5169.3	5032.6
-55°	4743.3	4784.0	4799.7	4792.3	4799.7	4784.0	4743.3	4682.1	4600.9	4505.4	4391.3
-57.5°	4076.4	4108.3	4115.7	4102.4	4115.7	4108.3	4076.4	4027.8	3962.5	3884.7	3789.9
-60°	3472.0	3496.8	3509.3	3508.0	3509.3	3496.8	3472.0	3433.7	3382.5	3318.9	3242.4
-62.5°	2913.0	2928.9	2937.5	2935.5	2937.5	2928.9	2913.0	2885.7	2847.3	2799.0	2742.8
-65°	2385.8	2391.4	2389.3	2377.8	2389.3	2391.4	2385.8	2370.7	2346.2	2315.7	2278.9
-67.5°	1925.1	1925.6	1933.8	1937.5	1933.8	1925.6	1925.1	1917.1	1901.5	1881.3	1857.5
-70°	1526.7	1524.3	1527.4	1526.5	1527.4	1524.3	1526.7	1525.0	1519.8	1512.4	1501.1
-72.5°	1186.9	1168.0	1151.0	1130.2	1151.0	1168.0	1186.9	1203.0	1217.1	1225.1	1217.1
-75°	887.0	848.4	825.0	799.9	825.0	848.4	887.0	923.3	957.8	984.1	981.4
-77.5°	642.3	593.0	572.0	550.4	572.0	593.0	642.3	689.2	733.5	770.2	772.9
-80°	432.8	388.0	370.3	352.3	370.3	388.0	432.8	475.7	516.4	552.3	562.0
-82.5°	259.8	226.7	216.3	205.5	216.3	226.7	259.8	291.6	321.9	349.3	352.1
-85°	128.7	109.6	102.6	95.4	102.6	109.6	128.7	146.9	164.2	179.7	174.1
-87.5°	23.7	21.9	22.0	22.0	22.0	21.9	23.7	25.3	26.9	28.4	28.0
-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: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	27.6	27.2	26.6	26.1	25.5	24.8	24.1	23.3	22.5	21.7	20.8
85°	168.0	161.5	154.5	147.1	139.4	131.3	122.6	107.5	93.4	80.4	69.1
82.5°	352.8	351.3	346.2	326.3	306.2	286.0	264.7	233.1	202.1	171.8	145.4
80°	568.8	572.6	568.9	535.7	502.0	468.1	432.2	385.9	339.1	294.6	261.2
77.5°	774.5	775.4	769.2	736.1	699.8	660.2	614.9	559.2	503.4	447.2	404.2
75°	976.6	969.8	955.9	925.5	889.2	846.5	802.2	753.3	696.2	630.5	574.3
72.5°	1205.4	1189.9	1168.3	1138.4	1103.1	1065.4	1019.3	965.3	905.6	840.1	780.7
70°	1483.3	1458.9	1426.4	1385.9	1346.1	1304.5	1255.0	1195.6	1126.0	1053.7	987.5
67.5°	1826.7	1789.0	1743.1	1694.1	1644.7	1586.8	1520.4	1447.9	1376.0	1295.7	1204.9
65°	2233.0	2178.4	2111.8	2048.5	1979.4	1904.2	1819.3	1735.2	1647.3	1550.9	1435.8
62.5°	2679.6	2610.2	2519.7	2427.9	2334.2	2237.7	2133.7	2030.3	1925.3	1811.6	1682.1
60°	3152.9	3049.6	2945.6	2831.7	2708.1	2578.5	2460.3	2334.7	2201.9	2073.2	1931.1
57.5°	3677.7	3550.6	3414.7	3269.5	3115.8	2964.4	2811.4	2653.3	2503.2	2346.4	2185.6
55°	4259.4	4109.3	3938.8	3751.6	3557.7	3382.0	3190.6	2999.0	2818.1	2627.8	2450.7
52.5°	4879.0	4699.3	4501.5	4288.9	4068.4	3840.1	3607.6	3387.4	3151.9	2936.6	2722.5
50°	5517.9	5312.0	5084.1	4839.8	4594.5	4330.0	4063.9	3799.3	3532.5	3268.3	3011.7
47.5°	6166.8	5943.8	5690.4	5420.1	5139.4	4844.0	4541.1	4222.8	3927.7	3621.3	3329.8
45°	6880.1	6604.9	6320.9	6023.2	5702.2	5376.3	5036.6	4688.2	4333.1	3996.2	3654.4
42.5°	7597.6	7288.0	6959.6	6632.3	6282.0	5917.1	5538.2	5154.1	4763.9	4375.4	4001.9
40°	8312.1	7977.2	7619.2	7245.0	6863.1	6461.0	6046.2	5619.1	5195.3	4768.0	4345.5
37.5°	9043.0	8681.2	8293.4	7881.4	7453.6	7008.1	6551.7	6089.3	5622.0	5162.2	4703.9
35°	9792.8	9396.7	8968.7	8518.6	8047.8	7560.2	7059.4	6553.0	6050.3	5553.1	5056.5
32.5°	10535.7	10106.6	9645.2	9152.6	8634.3	8103.5	7565.2	7018.3	6468.1	5937.1	5408.2
30°	11285.1	10809.9	10309.9	9777.7	9215.8	8637.8	8054.6	7475.3	6888.9	6304.6	5745.1
27.5°	12019.2	11500.6	10957.2	10381.9	9781.6	9161.5	8534.9	7916.5	7291.1	6669.9	6066.6
25°	12733.6	12173.6	11574.4	10959.7	10323.2	9662.3	8988.8	8334.6	7681.5	7016.7	6355.2
22.5°	13421.2	12808.1	12162.2	11504.8	10835.2	10140.7	9422.5	8717.4	8041.6	7327.7	6636.4
20°	14055.2	13397.1	12707.3	12014.8	11306.7	10596.1	9826.5	9076.6	8349.6	7616.6	6891.4
17.5°	14617.8	13949.1	13225.6	12495.7	11741.7	10993.6	10204.2	9403.3	8633.0	7873.2	7115.7
15°	15113.6	14445.5	13712.8	12943.1	12138.2	11321.1	10523.9	9692.2	8891.4	8100.2	7323.2
12.5°	15563.9	14864.5	14132.8	13318.8	12464.2	11611.8	10782.8	9945.1	9121.1	8307.8	7509.8
10°	15968.1	15207.7	14433.5	13608.6	12737.1	11857.1	11003.4	10157.9	9316.6	8485.6	7663.7
7.5°	16245.1	15462.3	14662.3	13840.2	12967.3	12073.6	11194.2	10328.9	9469.1	8627.2	7783.8
5°	16449.6	15663.2	14860.7	14027.1	13146.1	12235.1	11334.8	10452.8	9577.6	8730.8	7869.3
2.5°	16606.6	15800.6	14996.0	14144.0	13261.8	12344.2	11435.5	10546.0	9663.8	8806.7	7944.9
0°	16718.0	15852.0	15074.0	14237.4	13334.7	12410.0	11500.0	10604.7	9716.7	8843.3	7984.7
-2.5°	16606.6	15800.6	14996.0	14144.0	13261.8	12344.2	11435.5	10546.0	9663.8	8806.7	7944.9
-5°	16449.6	15663.2	14860.7	14027.1	13146.1	12235.1	11334.8	10452.8	9577.6	8730.8	7869.3
-7.5°	16245.1	15462.3	14662.3	13840.2	12967.3	12073.6	11194.2	10328.9	9469.1	8627.2	7783.8
-10°	15968.1	15207.7	14433.5	13608.6	12737.1	11857.1	11003.4	10157.9	9316.6	8485.6	7663.7
-12.5°	15563.9	14864.5	14132.8	13318.8	12464.2	11611.8	10782.8	9945.1	9121.1	8307.8	7509.8
-15°	15113.6	14445.5	13712.8	12943.1	12138.2	11321.1	10523.9	9692.2	8891.4	8100.2	7323.2
-17.5°	14617.8	13949.1	13225.6	12495.7	11741.7	10993.6	10204.2	9403.3	8633.0	7873.2	7115.7
-20°	14055.2	13397.1	12707.3	12014.8	11306.7	10596.1	9826.5	9076.6	8349.6	7616.6	6891.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13421.2	12808.1	12162.2	11504.8	10835.2	10140.7	9422.5	8717.4	8041.6	7327.7	6636.4
-25°	12733.6	12173.6	11574.4	10959.7	10323.2	9662.3	8988.8	8334.6	7681.5	7016.7	6355.2
-27.5°	12019.2	11500.6	10957.2	10381.9	9781.6	9161.5	8534.9	7916.5	7291.1	6669.9	6066.6
-30°	11285.1	10809.9	10309.9	9777.7	9215.8	8637.8	8054.6	7475.3	6888.9	6304.6	5745.1
-32.5°	10535.7	10106.6	9645.2	9152.6	8634.3	8103.5	7565.2	7018.3	6468.1	5937.1	5408.2
-35°	9792.8	9396.7	8968.7	8518.6	8047.8	7560.2	7059.4	6553.0	6050.3	5553.1	5056.5
-37.5°	9043.0	8681.2	8293.4	7881.4	7453.6	7008.1	6551.7	6089.3	5622.0	5162.2	4703.9
-40°	8312.1	7977.2	7619.2	7245.0	6863.1	6461.0	6046.2	5619.1	5195.3	4768.0	4345.5
-42.5°	7597.6	7288.0	6959.6	6632.3	6282.0	5917.1	5538.2	5154.1	4763.9	4375.4	4001.9
-45°	6880.1	6604.9	6320.9	6023.2	5702.2	5376.3	5036.6	4688.2	4333.1	3996.2	3654.4
-47.5°	6166.8	5943.8	5690.4	5420.1	5139.4	4844.0	4541.1	4222.8	3927.7	3621.3	3329.8
-50°	5517.9	5312.0	5084.1	4839.8	4594.5	4330.0	4063.9	3799.3	3532.5	3268.3	3011.7
-52.5°	4879.0	4699.3	4501.5	4288.9	4068.4	3840.1	3607.6	3387.4	3151.9	2936.6	2722.5
-55°	4259.4	4109.3	3938.8	3751.6	3557.7	3382.0	3190.6	2999.0	2818.1	2627.8	2450.7
-57.5°	3677.7	3550.6	3414.7	3269.5	3115.8	2964.4	2811.4	2653.3	2503.2	2346.4	2185.6
-60°	3152.9	3049.6	2945.6	2831.7	2708.1	2578.5	2460.3	2334.7	2201.9	2073.2	1931.1
-62.5°	2679.6	2610.2	2519.7	2427.9	2334.2	2237.7	2133.7	2030.3	1925.3	1811.6	1682.1
-65°	2233.0	2178.4	2111.8	2048.5	1979.4	1904.2	1819.3	1735.2	1647.3	1550.9	1435.8
-67.5°	1826.7	1789.0	1743.1	1694.1	1644.7	1586.8	1520.4	1447.9	1376.0	1295.7	1204.9
-70°	1483.3	1458.9	1426.4	1385.9	1346.1	1304.5	1255.0	1195.6	1126.0	1053.7	987.5
-72.5°	1205.4	1189.9	1168.3	1138.4	1103.1	1065.4	1019.3	965.3	905.6	840.1	780.7
-75°	976.6	969.8	955.9	925.5	889.2	846.5	802.2	753.3	696.2	630.5	574.3
-77.5°	774.5	775.4	769.2	736.1	699.8	660.2	614.9	559.2	503.4	447.2	404.2
-80°	568.8	572.6	568.9	535.7	502.0	468.1	432.2	385.9	339.1	294.6	261.2
-82.5°	352.8	351.3	346.2	326.3	306.2	286.0	264.7	233.1	202.1	171.8	145.4
-85°	168.0	161.5	154.5	147.1	139.4	131.3	122.6	107.5	93.4	80.4	69.1
-87.5°	27.6	27.2	26.6	26.1	25.5	24.8	24.1	23.3	22.5	21.7	20.8
-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: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.1	21.3	21.2	21.0	18.7	16.5	14.4	12.4	11.2	10.1	8.8
85°	69.4	67.8	64.1	58.1	45.8	32.9	28.7	24.8	22.5	20.1	17.7
82.5°	145.0	146.4	146.3	142.0	125.3	107.7	89.3	70.3	52.1	33.1	26.5
80°	261.7	258.9	252.7	240.8	213.3	182.3	159.0	134.9	111.2	86.6	60.9
77.5°	395.6	384.3	370.5	354.8	325.7	291.6	252.3	207.7	170.1	139.8	108.2
75°	545.3	527.3	507.9	481.8	444.4	401.6	358.5	306.6	248.9	194.6	155.1
72.5°	733.0	689.5	650.5	613.9	573.4	525.6	470.6	403.7	333.7	267.5	205.5
70°	923.2	857.8	799.6	749.6	700.8	650.8	590.3	507.9	416.8	339.0	265.9
67.5°	1116.3	1039.0	961.0	886.3	824.7	765.8	707.4	611.6	507.2	408.9	325.0
65°	1329.4	1226.3	1127.2	1034.9	951.3	877.6	809.2	708.7	594.9	484.3	382.5
62.5°	1549.0	1417.5	1300.0	1182.3	1078.2	988.6	906.3	795.5	678.7	557.3	442.5
60°	1779.7	1629.9	1473.9	1336.5	1208.8	1095.6	995.9	881.1	757.2	627.5	502.1
57.5°	2022.7	1846.6	1671.4	1497.6	1344.3	1208.4	1083.0	962.2	834.2	696.7	557.6
55°	2268.9	2079.3	1871.9	1676.1	1488.0	1326.3	1175.2	1040.1	908.7	764.8	605.5
52.5°	2515.4	2307.1	2084.6	1858.3	1647.8	1445.4	1276.6	1116.0	977.2	831.3	655.4
50°	2773.3	2534.4	2296.0	2051.5	1806.7	1585.0	1374.4	1203.0	1043.7	894.4	702.8
47.5°	3041.6	2775.5	2510.2	2243.0	1980.5	1718.6	1488.8	1288.2	1108.0	951.6	746.8
45°	3335.8	3024.5	2730.9	2442.0	2145.0	1862.9	1604.6	1369.7	1180.9	996.1	787.4
42.5°	3629.7	3287.4	2959.3	2638.0	2317.3	2006.3	1714.3	1465.7	1250.6	1038.7	824.7
40°	3942.4	3551.3	3187.5	2838.9	2485.6	2142.6	1835.8	1559.3	1315.8	1083.0	860.1
37.5°	4246.4	3821.6	3421.9	3030.6	2650.4	2289.9	1952.6	1647.0	1377.8	1132.7	893.6
35°	4568.1	4093.3	3638.6	3223.7	2820.1	2429.6	2062.0	1735.5	1449.1	1181.1	925.2
32.5°	4879.0	4359.0	3871.3	3414.1	2982.1	2561.2	2174.6	1829.1	1517.7	1228.1	954.7
30°	5184.5	4625.6	4094.3	3594.2	3139.1	2699.3	2287.4	1916.6	1583.2	1273.5	984.3
27.5°	5466.1	4872.5	4308.0	3780.3	3293.4	2830.3	2394.0	1997.8	1645.4	1320.2	1018.6
25°	5728.5	5110.1	4518.7	3959.4	3436.5	2954.4	2492.1	2072.9	1708.7	1368.9	1050.5
22.5°	5974.7	5330.8	4709.6	4124.4	3569.1	3068.4	2587.8	2152.8	1768.7	1413.7	1079.7
20°	6198.5	5529.5	4880.6	4273.9	3698.1	3177.0	2679.9	2224.6	1822.2	1454.3	1106.0
17.5°	6400.0	5711.0	5043.8	4413.7	3818.3	3273.4	2761.7	2287.8	1869.2	1490.6	1129.2
15°	6587.1	5876.1	5188.1	4535.7	3922.3	3357.4	2832.9	2342.3	1909.5	1522.1	1151.2
12.5°	6747.9	6017.6	5310.5	4639.4	4009.9	3428.5	2893.1	2388.0	1943.0	1550.5	1172.0
10°	6880.3	6134.7	5410.5	4724.1	4080.8	3486.4	2942.1	2426.5	1974.4	1575.2	1188.0
7.5°	6983.4	6226.2	5487.5	4789.5	4137.0	3534.8	2983.7	2459.7	1999.7	1594.1	1199.1
5°	7061.5	6297.8	5554.5	4844.3	4188.7	3573.9	3014.0	2483.5	2018.0	1607.1	1205.5
2.5°	7130.9	6351.5	5607.2	4879.8	4223.8	3599.3	3032.2	2497.8	2029.1	1614.0	1207.0
0°	7170.1	6377.5	5636.3	4895.0	4241.9	3610.7	3038.3	2502.6	2032.9	1614.6	1203.6
-2.5°	7130.9	6351.5	5607.2	4879.8	4223.8	3599.3	3032.2	2497.8	2029.1	1614.0	1207.0
-5°	7061.5	6297.8	5554.5	4844.3	4188.7	3573.9	3014.0	2483.5	2018.0	1607.1	1205.5
-7.5°	6983.4	6226.2	5487.5	4789.5	4137.0	3534.8	2983.7	2459.7	1999.7	1594.1	1199.1
-10°	6880.3	6134.7	5410.5	4724.1	4080.8	3486.4	2942.1	2426.5	1974.4	1575.2	1188.0
-12.5°	6747.9	6017.6	5310.5	4639.4	4009.9	3428.5	2893.1	2388.0	1943.0	1550.5	1172.0
-15°	6587.1	5876.1	5188.1	4535.7	3922.3	3357.4	2832.9	2342.3	1909.5	1522.1	1151.2
-17.5°	6400.0	5711.0	5043.8	4413.7	3818.3	3273.4	2761.7	2287.8	1869.2	1490.6	1129.2
-20°	6198.5	5529.5	4880.6	4273.9	3698.1	3177.0	2679.9	2224.6	1822.2	1454.3	1106.0



REPORT NUMBER: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5974.7	5330.8	4709.6	4124.4	3569.1	3068.4	2587.8	2152.8	1768.7	1413.7	1079.7
-25°	5728.5	5110.1	4518.7	3959.4	3436.5	2954.4	2492.1	2072.9	1708.7	1368.9	1050.5
-27.5°	5466.1	4872.5	4308.0	3780.3	3293.4	2830.3	2394.0	1997.8	1645.4	1320.2	1018.6
-30°	5184.5	4625.6	4094.3	3594.2	3139.1	2699.3	2287.4	1916.6	1583.2	1273.5	984.3
-32.5°	4879.0	4359.0	3871.3	3414.1	2982.1	2561.2	2174.6	1829.1	1517.7	1228.1	954.7
-35°	4568.1	4093.3	3638.6	3223.7	2820.1	2429.6	2062.0	1735.5	1449.1	1181.1	925.2
-37.5°	4246.4	3821.6	3421.9	3030.6	2650.4	2289.9	1952.6	1647.0	1377.8	1132.7	893.6
-40°	3942.4	3551.3	3187.5	2838.9	2485.6	2142.6	1835.8	1559.3	1315.8	1083.0	860.1
-42.5°	3629.7	3287.4	2959.3	2638.0	2317.3	2006.3	1714.3	1465.7	1250.6	1038.7	824.7
-45°	3335.8	3024.5	2730.9	2442.0	2145.0	1862.9	1604.6	1369.7	1180.9	996.1	787.4
-47.5°	3041.6	2775.5	2510.2	2243.0	1980.5	1718.6	1488.8	1288.2	1108.0	951.6	746.8
-50°	2773.3	2534.4	2296.0	2051.5	1806.7	1585.0	1374.4	1203.0	1043.7	894.4	702.8
-52.5°	2515.4	2307.1	2084.6	1858.3	1647.8	1445.4	1276.6	1116.0	977.2	831.3	655.4
-55°	2268.9	2079.3	1871.9	1676.1	1488.0	1326.3	1175.2	1040.1	908.7	764.8	605.5
-57.5°	2022.7	1846.6	1671.4	1497.6	1344.3	1208.4	1083.0	962.2	834.2	696.7	557.6
-60°	1779.7	1629.9	1473.9	1336.5	1208.8	1095.6	995.9	881.1	757.2	627.5	502.1
-62.5°	1549.0	1417.5	1300.0	1182.3	1078.2	988.6	906.3	795.5	678.7	557.3	442.5
-65°	1329.4	1226.3	1127.2	1034.9	951.3	877.6	809.2	708.7	594.9	484.3	382.5
-67.5°	1116.3	1039.0	961.0	886.3	824.7	765.8	707.4	611.6	507.2	408.9	325.0
-70°	923.2	857.8	799.6	749.6	700.8	650.8	590.3	507.9	416.8	339.0	265.9
-72.5°	733.0	689.5	650.5	613.9	573.4	525.6	470.6	403.7	333.7	267.5	205.5
-75°	545.3	527.3	507.9	481.8	444.4	401.6	358.5	306.6	248.9	194.6	155.1
-77.5°	395.6	384.3	370.5	354.8	325.7	291.6	252.3	207.7	170.1	139.8	108.2
-80°	261.7	258.9	252.7	240.8	213.3	182.3	159.0	134.9	111.2	86.6	60.9
-82.5°	145.0	146.4	146.3	142.0	125.3	107.7	89.3	70.3	52.1	33.1	26.5
-85°	69.4	67.8	64.1	58.1	45.8	32.9	28.7	24.8	22.5	20.1	17.7
-87.5°	21.1	21.3	21.2	21.0	18.7	16.5	14.4	12.4	11.2	10.1	8.8
-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.6	6.4	5.1	3.8	2.6	1.1	0.0
85°	15.2	12.7	10.2	7.7	5.1	2.2	0.0
82.5°	22.8	19.0	15.3	11.5	7.6	3.3	0.0
80°	34.2	25.3	20.3	15.3	10.2	4.5	0.0
77.5°	74.5	39.7	25.3	19.0	12.6	5.5	0.0
75°	113.9	68.6	33.0	22.8	15.1	6.6	0.0
72.5°	152.0	96.7	52.6	26.5	17.5	7.7	0.0
70°	190.0	123.9	71.5	31.7	19.8	8.7	0.0
67.5°	235.8	149.8	89.7	43.4	22.0	9.7	0.0
65°	279.5	178.9	107.1	54.6	24.2	10.7	0.0
62.5°	321.0	210.8	123.5	65.4	26.4	11.7	0.0
60°	360.1	240.9	139.0	75.5	28.4	12.6	0.0
57.5°	401.3	269.2	159.6	85.1	34.1	13.5	0.0
55°	440.4	295.6	179.2	94.0	39.7	14.4	0.0
52.5°	476.5	320.6	197.5	102.2	45.0	15.2	0.0
50°	509.6	347.1	214.4	109.7	50.2	16.0	0.0
47.5°	540.7	371.4	229.7	117.5	55.1	16.7	0.0
45°	575.2	393.3	243.5	127.7	59.7	17.4	0.0
42.5°	606.8	412.7	255.7	137.0	64.1	18.1	0.0
40°	635.5	429.7	268.0	146.4	68.3	18.7	0.0
37.5°	661.2	444.2	280.2	155.7	72.1	19.2	0.0
35°	683.8	461.0	290.7	164.4	75.7	19.8	0.0
32.5°	704.8	477.8	299.4	172.4	79.0	20.2	0.0
30°	726.6	492.1	306.4	179.7	82.1	20.7	0.0
27.5°	746.2	504.0	316.9	186.4	84.8	21.0	0.0
25°	763.4	513.4	326.8	192.3	87.3	21.4	0.0
22.5°	778.2	522.8	335.4	197.6	89.4	21.6	0.0
20°	790.4	535.8	342.9	202.1	91.3	21.9	0.0
17.5°	805.6	546.5	349.2	205.9	92.8	22.0	0.0
15°	821.5	554.7	354.2	209.0	94.1	22.2	0.0
12.5°	834.4	560.7	358.1	211.4	95.0	22.3	0.0
10°	844.2	564.4	360.7	213.1	95.7	22.3	0.0
7.5°	850.9	565.9	362.2	214.1	96.0	22.3	0.0
5°	854.4	565.2	362.5	214.3	96.1	22.2	0.0
2.5°	854.5	562.5	361.6	213.9	95.9	22.1	0.0
0°	851.3	557.8	359.6	212.8	95.4	22.0	0.0
-2.5°	854.5	562.5	361.6	213.9	95.9	22.1	0.0
-5°	854.4	565.2	362.5	214.3	96.1	22.2	0.0
-7.5°	850.9	565.9	362.2	214.1	96.0	22.3	0.0
-10°	844.2	564.4	360.7	213.1	95.7	22.3	0.0
-12.5°	834.4	560.7	358.1	211.4	95.0	22.3	0.0
-15°	821.5	554.7	354.2	209.0	94.1	22.2	0.0
-17.5°	805.6	546.5	349.2	205.9	92.8	22.0	0.0
-20°	790.4	535.8	342.9	202.1	91.3	21.9	0.0

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Scaled Data Report



REPORT NUMBER: P627691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	778.2	522.8	335.4	197.6	89.4	21.6	0.0
-25°	763.4	513.4	326.8	192.3	87.3	21.4	0.0
-27.5°	746.2	504.0	316.9	186.4	84.8	21.0	0.0
-30°	726.6	492.1	306.4	179.7	82.1	20.7	0.0
-32.5°	704.8	477.8	299.4	172.4	79.0	20.2	0.0
-35°	683.8	461.0	290.7	164.4	75.7	19.8	0.0
-37.5°	661.2	444.2	280.2	155.7	72.1	19.2	0.0
-40°	635.5	429.7	268.0	146.4	68.3	18.7	0.0
-42.5°	606.8	412.7	255.7	137.0	64.1	18.1	0.0
-45°	575.2	393.3	243.5	127.7	59.7	17.4	0.0
-47.5°	540.7	371.4	229.7	117.5	55.1	16.7	0.0
-50°	509.6	347.1	214.4	109.7	50.2	16.0	0.0
-52.5°	476.5	320.6	197.5	102.2	45.0	15.2	0.0
-55°	440.4	295.6	179.2	94.0	39.7	14.4	0.0
-57.5°	401.3	269.2	159.6	85.1	34.1	13.5	0.0
-60°	360.1	240.9	139.0	75.5	28.4	12.6	0.0
-62.5°	321.0	210.8	123.5	65.4	26.4	11.7	0.0
-65°	279.5	178.9	107.1	54.6	24.2	10.7	0.0
-67.5°	235.8	149.8	89.7	43.4	22.0	9.7	0.0
-70°	190.0	123.9	71.5	31.7	19.8	8.7	0.0
-72.5°	152.0	96.7	52.6	26.5	17.5	7.7	0.0
-75°	113.9	68.6	33.0	22.8	15.1	6.6	0.0
-77.5°	74.5	39.7	25.3	19.0	12.6	5.5	0.0
-80°	34.2	25.3	20.3	15.3	10.2	4.5	0.0
-82.5°	22.8	19.0	15.3	11.5	7.6	3.3	0.0
-85°	15.2	12.7	10.2	7.7	5.1	2.2	0.0
-87.5°	7.6	6.4	5.1	3.8	2.6	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)