

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: P627112 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627112 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-740-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12351.4 lumens
Efficiency: N/A
Efficacy: 131.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 14000.5 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 5946.6 lumens
Beam Efficiency: 48.1%

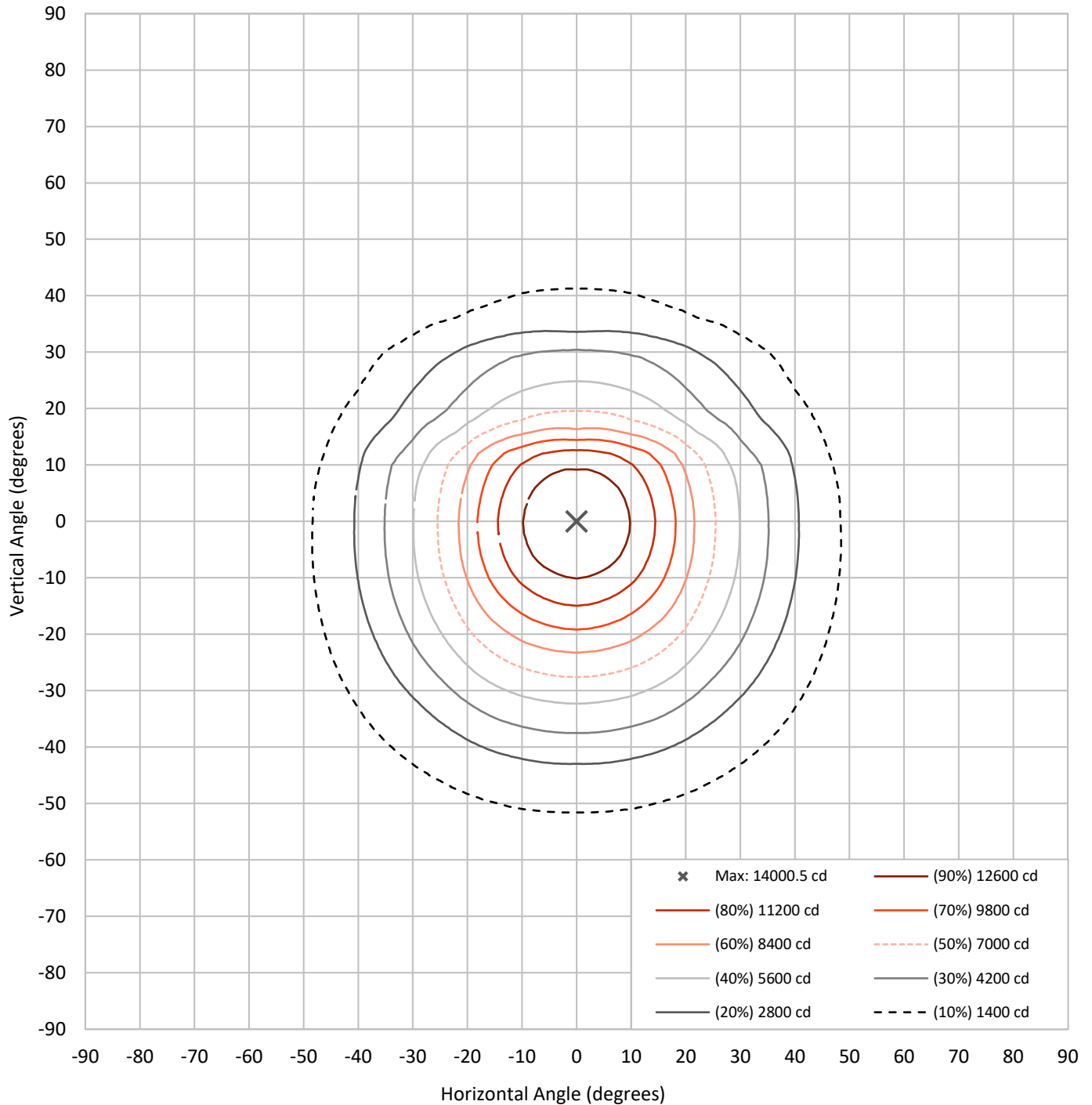
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 11058.8 lumens
Field Efficiency: 89.5%

Input Watts (W): 93.7
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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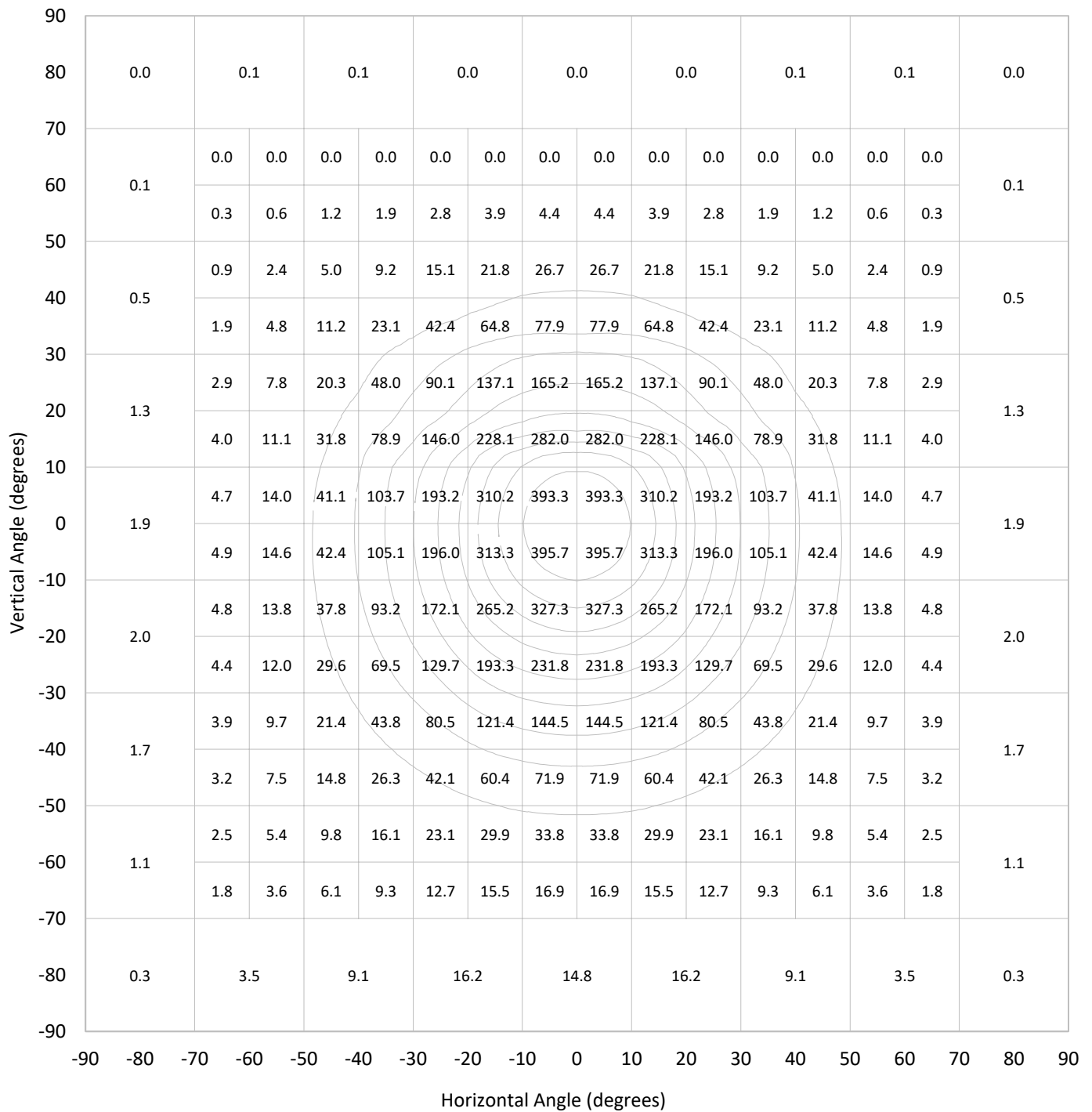
Iso-Candela Plot





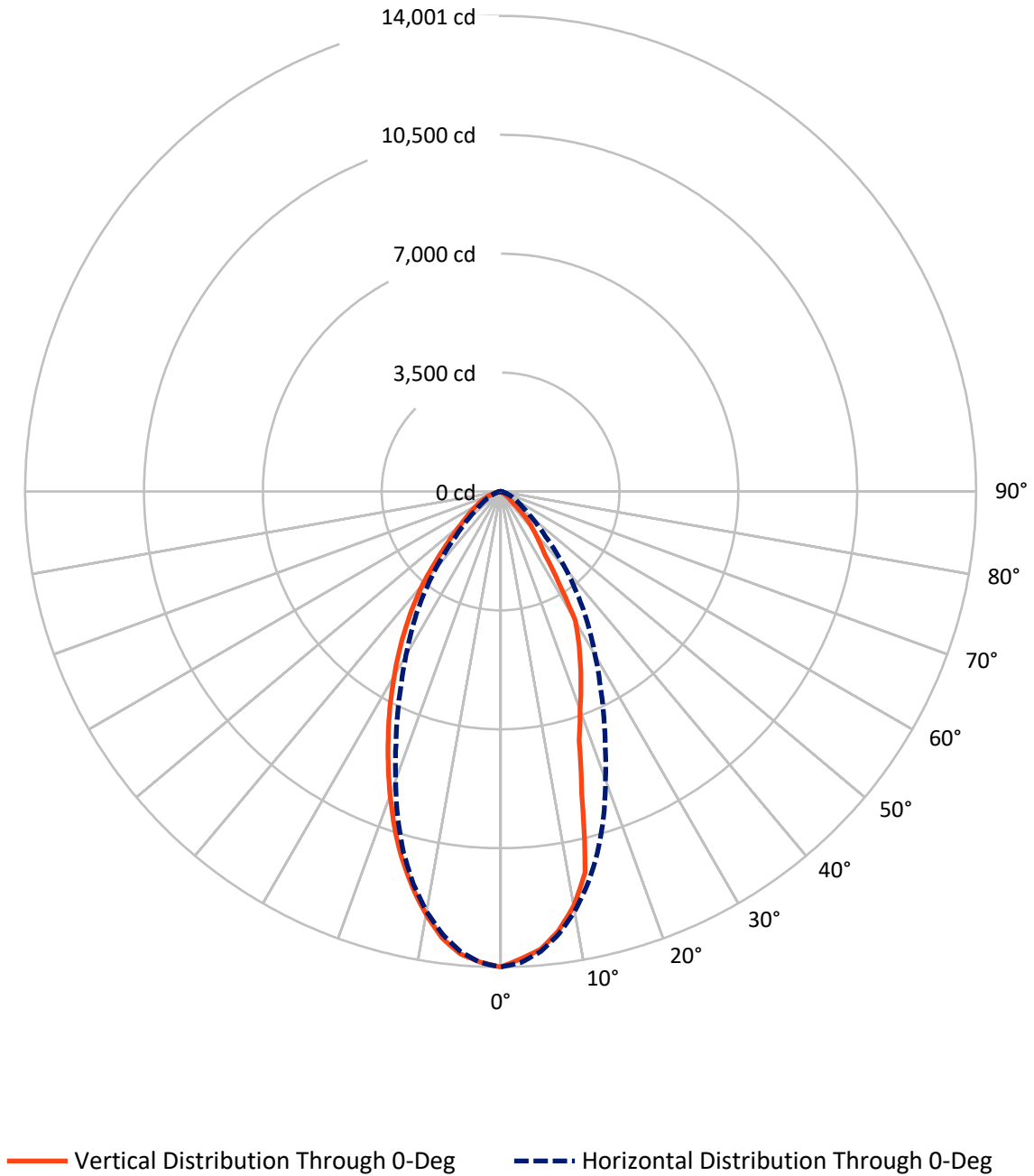
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Lumen Table



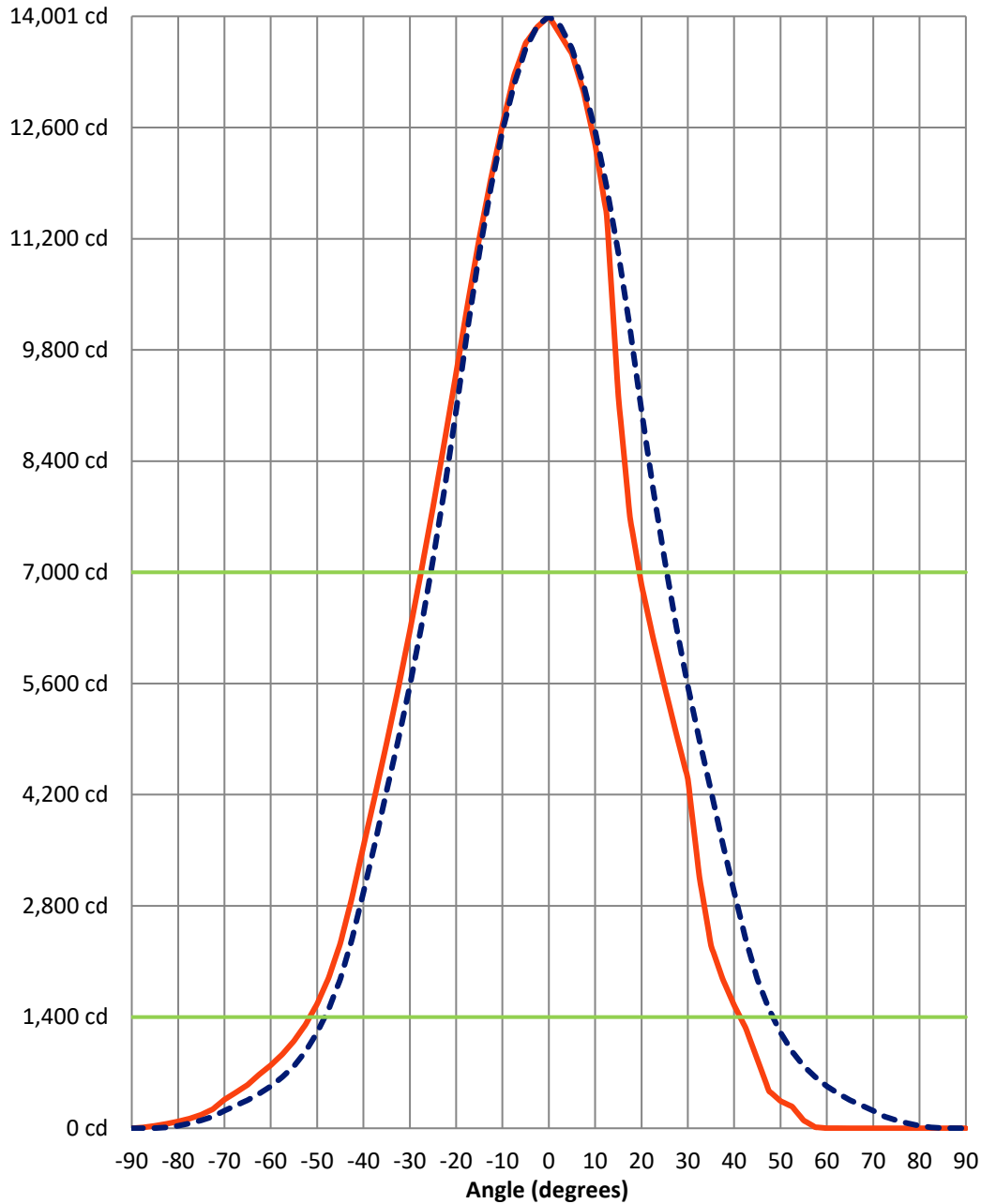
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 5946.6
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 11058.8
 Efficiency: 89.5%

Spill:
 Lumens: 1292.7
 Efficiency: 10.5%

- 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	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0
75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.1	1.0	1.0	1.3	1.2
65°	0.0	0.4	0.8	1.0	1.0	1.1	1.2	1.0	1.4	1.6	1.9
62.5°	0.0	0.5	0.9	1.0	1.0	1.3	1.4	1.4	1.9	2.7	4.2
60°	0.0	0.5	1.0	1.0	1.0	1.6	1.6	1.9	2.4	6.6	7.2
57.5°	0.0	0.5	1.0	1.0	1.3	1.9	2.7	2.6	6.5	11.1	12.3
55°	0.0	0.6	1.0	1.0	1.6	2.2	4.1	3.8	11.9	16.8	19.0
52.5°	0.0	0.6	1.0	1.0	1.9	2.8	5.8	9.4	17.8	25.0	26.9
50°	0.0	0.6	1.1	1.0	2.2	4.5	7.6	15.6	24.9	34.0	41.1
47.5°	0.0	0.7	1.1	1.1	2.6	6.3	10.2	21.8	34.2	43.9	55.8
45°	0.0	0.7	1.1	1.3	2.9	8.3	15.6	28.0	43.6	56.9	70.2
42.5°	0.0	0.7	1.2	1.6	3.3	10.4	21.0	35.4	52.9	69.7	86.3
40°	0.0	0.8	1.2	2.0	4.4	12.6	26.3	43.5	62.6	82.2	103.1
37.5°	0.0	0.8	1.2	2.4	6.1	14.9	31.7	51.5	73.1	95.1	120.2
35°	0.0	0.8	1.3	2.9	7.8	18.5	37.0	59.3	83.7	110.5	138.9
32.5°	0.0	0.8	1.3	3.4	9.6	22.7	42.5	67.1	94.2	126.2	159.9
30°	0.0	0.9	1.4	3.9	11.3	26.7	48.8	74.9	104.7	142.3	181.0
27.5°	0.0	0.9	1.4	4.5	13.3	30.7	54.9	83.5	116.3	158.7	202.2
25°	0.0	0.9	1.5	5.1	15.4	34.5	60.7	91.9	129.7	176.1	223.5
22.5°	0.0	0.9	1.5	5.7	17.3	38.2	66.3	100.1	142.9	193.8	245.0
20°	0.0	0.9	1.6	6.3	19.2	41.8	71.6	108.0	155.9	211.0	265.5
17.5°	0.0	1.0	1.6	6.9	21.0	45.2	76.6	115.6	168.5	227.8	284.9
15°	0.0	1.0	1.7	7.6	22.8	48.3	81.1	122.4	180.7	243.9	303.3
12.5°	0.0	1.0	1.7	8.2	24.4	51.3	85.3	128.0	190.9	259.3	320.4
10°	0.0	1.0	1.8	8.8	26.0	53.9	89.0	133.1	199.0	268.5	333.9
7.5°	0.0	1.0	1.9	9.4	27.4	56.4	92.4	137.5	206.1	275.4	340.9
5°	0.0	1.0	1.9	10.0	28.8	58.5	95.4	141.3	212.2	280.9	346.6
2.5°	0.0	1.0	2.0	10.5	30.0	60.4	97.9	144.5	217.1	285.1	351.0
0°	0.0	1.0	2.0	11.0	31.0	62.0	100.0	147.0	221.0	288.0	354.0
-2.5°	0.0	1.1	2.3	11.7	32.4	64.0	102.7	151.2	225.3	292.2	358.7
-5°	0.0	1.1	2.6	12.3	33.7	65.6	105.0	154.8	228.5	295.2	362.0
-7.5°	0.0	1.2	2.9	12.9	34.7	66.9	106.8	157.6	230.5	297.0	364.0
-10°	0.0	1.2	3.2	13.4	35.6	67.9	108.0	159.5	231.3	297.7	364.6
-12.5°	0.0	1.3	3.4	13.9	36.3	68.6	108.8	160.7	231.1	297.3	362.9
-15°	0.0	1.3	3.7	14.2	36.7	68.9	109.0	160.9	229.4	294.7	359.4
-17.5°	0.0	1.4	3.9	14.5	36.9	68.9	108.7	160.6	226.4	291.2	354.5
-20°	0.0	1.4	4.1	14.7	36.9	68.5	108.4	159.8	222.7	286.8	348.3

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CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.5	4.3	14.7	36.6	67.7	108.4	158.4	218.3	281.6	340.7
-25°	0.0	1.5	4.5	14.7	36.0	67.5	108.0	156.3	213.3	275.6	331.8
-27.5°	0.0	1.5	4.6	14.6	35.2	67.2	106.9	153.5	207.8	268.7	323.7
-30°	0.0	1.5	4.7	14.4	34.2	66.5	105.4	150.1	202.9	260.8	314.8
-32.5°	0.0	1.5	4.8	14.1	33.7	65.3	103.2	147.3	198.0	252.7	305.4
-35°	0.0	1.5	4.8	13.7	33.0	63.7	101.2	144.2	192.5	244.3	295.4
-37.5°	0.0	1.5	4.8	13.2	32.0	62.0	98.9	140.5	186.4	235.6	283.6
-40°	0.0	1.5	4.8	12.6	30.8	60.5	96.1	136.2	179.7	227.6	271.0
-42.5°	0.0	1.5	4.8	12.0	29.8	58.6	92.7	131.2	173.4	217.1	257.6
-45°	0.0	1.5	4.7	11.5	29.2	56.3	88.7	126.0	167.0	205.9	243.7
-47.5°	0.0	1.4	4.6	10.9	28.4	53.7	84.2	120.7	159.9	194.3	230.8
-50°	0.0	1.4	4.5	10.7	27.2	50.6	80.3	114.8	150.5	183.7	217.5
-52.5°	0.0	1.3	4.3	10.6	25.7	47.2	76.1	108.2	141.1	172.6	204.0
-55°	0.0	1.3	4.1	10.3	23.9	44.5	71.4	101.1	131.5	161.1	191.2
-57.5°	0.0	1.2	3.9	9.9	21.8	41.4	66.3	94.9	121.3	149.5	178.1
-60°	0.0	1.1	3.6	9.3	19.6	38.0	60.8	87.3	110.9	137.5	164.5
-62.5°	0.0	1.1	3.4	8.7	18.2	34.2	55.4	78.9	100.6	125.0	150.5
-65°	0.0	1.0	3.1	7.9	16.7	30.0	49.6	70.1	89.7	111.8	135.9
-67.5°	0.0	0.9	2.9	7.0	14.9	26.3	43.3	61.3	78.1	97.9	119.8
-70°	0.0	0.8	2.6	6.1	13.0	23.0	36.5	52.1	67.2	83.3	102.4
-72.5°	0.0	0.7	2.3	5.3	10.9	19.5	31.0	42.7	55.9	70.0	84.9
-75°	0.0	0.6	2.0	4.7	8.6	15.8	25.4	34.8	44.4	56.5	69.3
-77.5°	0.0	0.5	1.7	3.9	7.1	11.9	19.6	27.3	35.2	43.6	53.3
-80°	0.0	0.4	1.4	3.2	5.8	9.1	13.6	19.7	26.2	33.0	40.2
-82.5°	0.0	0.3	1.0	2.4	4.4	6.9	10.0	13.2	17.0	22.3	27.8
-85°	0.0	0.2	0.7	1.6	2.9	4.6	6.7	8.8	11.2	13.9	16.8
-87.5°	0.0	0.1	0.3	0.8	1.5	2.3	3.4	4.4	5.6	7.0	8.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-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°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5
65°	1.0	1.0	1.4	1.5	1.1	1.0	1.0	1.0	1.0	0.9	0.9
62.5°	1.5	1.8	2.2	3.5	2.6	1.0	2.0	2.3	1.5	1.2	1.3
60°	4.4	3.0	7.7	10.7	7.0	3.7	4.5	9.1	7.5	2.0	5.3
57.5°	8.8	10.9	19.4	20.3	15.6	10.6	23.1	25.7	21.3	13.4	19.2
55°	18.4	25.9	32.7	32.3	32.5	40.8	48.0	47.1	41.6	57.3	72.2
52.5°	34.8	42.6	47.1	51.3	63.0	70.7	73.0	77.4	93.7	113.2	116.7
50°	51.1	59.1	65.1	80.3	92.2	98.4	104.1	119.0	143.6	157.0	159.2
47.5°	67.6	76.5	92.2	108.8	120.4	129.7	139.6	173.5	201.0	212.4	216.5
45°	84.8	100.2	119.8	136.9	150.3	162.8	195.0	241.3	260.7	278.1	322.6
42.5°	102.6	125.9	147.9	165.8	180.9	207.2	252.0	296.8	324.5	361.7	415.4
40°	125.4	151.4	177.0	195.2	214.1	253.9	309.3	356.8	386.1	436.0	497.1
37.5°	148.5	179.0	206.6	225.8	252.3	306.1	371.2	428.1	464.5	505.0	603.4
35°	171.4	207.0	235.4	261.2	293.9	368.0	448.3	511.6	556.5	626.1	750.5
32.5°	195.8	235.6	264.6	299.7	353.5	436.4	535.0	605.2	679.8	779.8	979.1
30°	221.7	262.4	295.7	337.9	410.0	506.8	621.2	709.5	810.7	973.1	1188.0
27.5°	247.6	289.0	330.1	383.7	463.0	567.5	687.0	826.2	956.9	1138.6	1373.5
25°	272.5	316.2	363.8	428.6	514.3	623.7	754.2	914.8	1085.4	1293.2	1569.0
22.5°	296.2	343.8	399.6	469.2	557.7	677.1	832.7	1021.3	1226.4	1441.7	1758.6
20°	319.5	374.6	438.6	516.5	597.5	726.4	909.5	1137.9	1394.9	1689.8	2000.4
17.5°	342.5	405.1	478.9	565.5	663.7	795.6	988.2	1260.1	1573.0	1956.7	2339.1
15°	365.0	434.9	517.9	613.9	730.4	888.0	1106.8	1405.7	1783.7	2243.2	2696.2
12.5°	386.9	463.9	555.3	661.2	795.1	975.1	1218.6	1541.1	1974.2	2523.1	3079.6
10°	407.8	491.6	590.9	706.9	857.1	1056.1	1317.5	1658.2	2117.8	2683.6	3302.5
7.5°	418.5	510.4	621.2	750.3	915.6	1130.4	1403.5	1757.2	2230.1	2812.7	3433.2
5°	426.1	519.0	632.6	767.6	947.8	1181.0	1469.3	1838.1	2312.9	2909.8	3521.8
2.5°	432.0	525.2	640.9	777.4	960.5	1197.9	1491.1	1866.4	2357.2	2960.5	3573.4
0°	436.0	529.0	646.0	783.0	967.0	1206.0	1501.1	1878.1	2376.1	2972.1	3592.1
-2.5°	440.3	534.2	651.4	791.7	976.2	1217.1	1512.1	1886.4	2390.2	2975.3	3602.2
-5°	442.7	536.9	653.5	795.9	979.1	1219.2	1511.3	1878.5	2379.0	2952.0	3580.2
-7.5°	443.4	537.3	652.3	795.1	975.4	1209.7	1495.4	1855.1	2340.2	2904.7	3526.2
-10°	442.3	534.9	648.0	787.9	964.4	1190.1	1466.8	1814.4	2276.4	2826.7	3434.8
-12.5°	439.1	529.9	640.3	776.1	946.7	1162.2	1426.5	1756.5	2187.9	2718.3	3306.0
-15°	433.9	522.4	629.2	759.8	922.3	1126.2	1374.8	1681.4	2073.9	2580.4	3145.7
-17.5°	426.8	512.5	614.6	739.0	891.1	1082.6	1312.2	1593.3	1951.0	2426.5	2967.4
-20°	417.7	500.2	596.6	713.8	855.2	1036.6	1254.2	1515.4	1836.0	2250.3	2757.1

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	406.6	485.6	577.5	689.6	823.3	988.9	1189.3	1427.0	1707.0	2046.7	2527.4
-25°	395.2	471.5	558.9	662.7	786.9	934.7	1115.1	1331.6	1585.2	1896.1	2293.6
-27.5°	384.0	455.3	537.5	631.6	746.1	878.9	1045.3	1242.7	1468.6	1733.1	2056.8
-30°	371.3	437.3	513.8	599.1	707.0	830.3	974.1	1143.2	1344.1	1583.1	1864.5
-32.5°	357.5	417.9	490.9	571.0	665.1	777.4	901.7	1054.7	1229.5	1426.6	1669.8
-35°	343.7	401.4	467.4	540.7	620.1	725.2	839.5	966.5	1115.1	1289.6	1484.2
-37.5°	330.5	383.3	442.3	510.5	585.1	672.4	773.3	887.9	1015.9	1154.7	1322.8
-40°	315.8	363.9	419.6	481.5	547.4	623.0	714.1	811.3	921.5	1043.7	1173.4
-42.5°	299.8	346.0	396.8	450.1	510.6	578.2	653.7	742.7	834.2	936.6	1049.8
-45°	284.1	326.5	373.0	421.7	472.6	532.3	600.9	674.9	756.0	839.6	934.7
-47.5°	267.5	306.3	349.6	392.0	437.1	488.0	546.2	613.4	681.0	755.4	829.2
-50°	251.0	287.4	323.8	363.3	403.7	446.1	495.3	553.2	614.8	676.5	741.5
-52.5°	236.2	267.6	300.5	334.5	371.3	409.0	450.0	497.7	551.6	606.0	661.9
-55°	221.0	250.0	277.2	307.6	339.4	373.4	409.9	450.1	490.8	540.3	588.5
-57.5°	206.2	231.9	255.6	281.5	309.8	338.7	371.6	405.7	442.7	480.1	519.5
-60°	191.4	213.3	234.7	257.1	280.9	306.5	333.0	363.0	394.7	427.2	461.3
-62.5°	176.1	193.8	212.7	233.2	254.1	273.9	296.1	320.6	346.7	374.6	403.6
-65°	158.9	173.6	189.4	207.2	226.9	242.8	259.8	278.3	299.8	322.8	345.5
-67.5°	140.6	153.6	166.5	179.7	195.6	209.9	223.9	238.6	254.7	273.5	291.7
-70°	120.2	133.2	144.5	155.5	165.6	175.8	187.7	199.2	212.2	229.1	245.7
-72.5°	99.4	111.6	122.3	131.7	138.8	144.9	152.2	160.6	173.0	188.7	203.3
-75°	80.4	90.2	100.3	109.2	113.8	115.7	117.2	121.6	134.2	150.3	164.5
-77.5°	62.6	71.2	79.4	87.2	90.4	91.7	92.3	92.3	101.6	115.3	129.6
-80°	46.1	52.1	59.0	65.7	67.7	68.3	68.4	67.9	75.5	85.4	95.9
-82.5°	32.0	36.3	40.8	45.3	45.9	45.6	44.9	44.3	50.4	57.5	64.8
-85°	18.7	20.5	23.2	26.0	26.3	26.1	25.7	24.9	28.3	32.1	36.2
-87.5°	9.3	10.2	11.1	12.0	11.7	11.3	10.7	9.9	10.9	11.9	12.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-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°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.0	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.0	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.0	0.9	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.0	1.0	0.7	0.5	0.2	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	1.3	1.3	0.9	0.8	0.9	1.0	0.8	0.7	0.7	0.7	0.8
60°	5.6	3.2	3.3	4.2	3.6	1.6	3.3	4.1	3.9	2.9	2.6
57.5°	28.7	24.0	16.8	28.1	29.0	20.2	21.9	28.6	27.7	21.4	21.3
55°	72.3	73.4	78.8	85.9	91.2	93.6	95.8	106.5	118.0	129.2	134.9
52.5°	119.5	133.4	150.8	162.3	170.4	186.8	209.9	220.5	230.7	242.4	250.9
50°	175.9	200.2	217.7	220.2	247.6	265.4	269.6	289.4	311.1	324.5	334.2
47.5°	261.7	292.5	307.6	317.4	350.7	387.3	387.3	398.7	452.9	481.2	494.9
45°	377.0	402.6	429.5	499.3	563.6	584.0	627.6	686.7	725.1	777.9	836.0
42.5°	475.1	523.2	590.6	667.5	731.9	785.5	850.3	921.3	1006.7	1086.9	1156.1
40°	572.3	631.8	715.2	798.9	880.0	954.2	1058.7	1150.1	1250.7	1361.1	1453.1
37.5°	699.0	775.2	861.4	966.9	1093.1	1175.6	1319.3	1450.6	1564.0	1697.3	1779.4
35°	893.7	993.0	1069.3	1282.6	1436.2	1532.6	1702.8	1918.5	2001.3	2169.2	2248.8
32.5°	1138.4	1270.4	1471.3	1753.8	1958.8	2136.3	2390.6	2609.5	2796.1	2964.7	3140.0
30°	1413.4	1617.1	1913.3	2288.6	2496.8	2745.5	3089.3	3348.8	3641.4	3962.6	4075.2
27.5°	1663.0	1968.1	2311.9	2615.9	2915.0	3224.7	3562.5	3895.9	4212.7	4480.0	4659.3
25°	1894.3	2263.8	2597.9	2922.7	3246.8	3595.6	3977.8	4356.0	4704.5	4979.5	5188.5
22.5°	2132.9	2523.2	2880.6	3210.3	3587.2	3982.5	4389.0	4822.7	5219.3	5504.6	5732.3
20°	2357.2	2791.3	3199.0	3574.3	3930.7	4387.0	4855.0	5315.0	5746.9	6086.7	6349.4
17.5°	2713.2	3090.0	3588.4	4076.0	4477.4	4896.6	5521.9	5996.7	6476.0	6883.0	7161.5
15°	3150.4	3564.8	4079.4	4749.1	5299.1	5779.3	6425.3	7197.8	7763.1	8282.7	8639.1
12.5°	3588.0	4056.7	4613.4	5366.9	6150.0	6715.7	7499.5	8478.3	9136.8	9941.3	10337.8
10°	3923.4	4512.0	5085.2	5772.9	6525.0	7330.6	8175.4	9091.2	9971.0	10661.8	11279.2
7.5°	4058.4	4685.4	5348.9	6050.6	6802.6	7634.0	8534.5	9487.4	10392.9	11164.4	11843.0
5°	4159.4	4801.8	5469.7	6187.1	6991.1	7859.3	8773.1	9773.6	10698.3	11525.2	12219.4
2.5°	4223.5	4872.0	5537.0	6266.4	7112.0	8005.9	8949.2	9976.2	10914.7	11766.0	12458.0
0°	4248.2	4887.2	5568.2	6319.2	7156.3	8052.3	9036.3	10075.4	11021.4	11844.4	12556.4
-2.5°	4251.5	4873.0	5570.2	6317.6	7118.5	8022.9	9018.8	10049.3	10976.0	11795.7	12514.1
-5°	4218.2	4839.4	5537.2	6273.3	7075.3	7972.9	8926.0	9921.8	10805.7	11603.4	12295.1
-7.5°	4150.5	4770.1	5452.4	6171.6	6952.0	7822.7	8738.1	9663.8	10531.0	11296.1	11956.2
-10°	4050.1	4656.6	5315.4	6016.1	6754.5	7582.7	8455.6	9340.0	10153.3	10860.8	11471.2
-12.5°	3914.1	4506.7	5135.8	5804.8	6492.1	7281.7	8105.9	8936.4	9677.6	10323.6	10871.3
-15°	3737.6	4316.3	4925.5	5558.1	6224.6	6938.7	7678.4	8440.2	9123.8	9696.6	10197.0
-17.5°	3529.6	4090.9	4669.5	5255.9	5888.3	6558.2	7244.9	7928.8	8511.8	9020.7	9478.2
-20°	3297.8	3838.5	4388.1	4934.8	5508.6	6128.1	6762.3	7363.0	7872.6	8335.0	8753.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627112 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3037.8	3555.4	4082.1	4593.8	5111.3	5672.2	6238.6	6781.8	7258.4	7654.0	8017.8
-25°	2759.6	3237.8	3735.2	4214.9	4691.2	5193.9	5708.3	6208.1	6627.5	6971.0	7271.6
-27.5°	2479.2	2916.2	3354.4	3806.0	4246.2	4710.2	5175.9	5607.6	5984.1	6300.3	6552.9
-30°	2184.5	2575.1	2975.3	3383.9	3804.2	4228.8	4649.6	5027.6	5356.3	5634.4	5852.8
-32.5°	1939.5	2236.3	2589.6	2960.5	3354.6	3741.3	4107.4	4451.9	4761.7	5004.6	5189.7
-35°	1704.7	1956.1	2220.7	2549.0	2887.5	3243.4	3580.2	3887.6	4163.8	4376.0	4550.2
-37.5°	1502.9	1701.7	1925.5	2159.9	2443.7	2737.9	3041.8	3331.0	3577.2	3762.3	3917.9
-40°	1328.2	1485.2	1664.0	1849.8	2058.6	2270.0	2534.6	2778.6	2979.6	3152.6	3293.6
-42.5°	1170.2	1302.7	1434.8	1587.2	1744.8	1914.7	2100.4	2280.9	2435.1	2579.9	2699.6
-45°	1033.9	1139.7	1245.0	1362.7	1478.4	1616.6	1749.3	1867.7	1992.6	2101.0	2186.4
-47.5°	914.7	997.2	1087.4	1175.5	1268.4	1372.5	1471.3	1561.4	1652.9	1732.2	1795.8
-50°	808.7	877.1	950.8	1020.0	1095.1	1171.2	1244.3	1315.9	1385.5	1445.8	1492.8
-52.5°	716.0	775.8	833.1	888.3	948.0	1004.4	1057.2	1116.3	1170.7	1218.3	1250.4
-55°	637.1	685.8	732.9	778.9	824.1	866.8	908.9	954.8	996.8	1034.6	1058.5
-57.5°	562.9	604.4	644.3	681.8	717.7	751.7	787.1	822.4	854.8	883.3	901.8
-60°	495.5	529.4	563.8	594.5	623.4	650.6	680.4	708.7	734.8	756.7	769.5
-62.5°	433.7	464.1	489.5	513.8	538.4	562.8	584.0	604.9	625.0	642.0	653.2
-65°	369.0	394.8	416.5	436.0	453.6	472.5	490.6	507.0	521.5	532.6	539.6
-67.5°	311.2	330.2	347.6	363.1	378.8	393.9	407.9	420.3	431.2	438.9	444.0
-70°	261.0	275.5	289.7	303.8	317.8	329.6	339.7	349.0	357.4	360.9	362.5
-72.5°	216.9	229.8	242.2	254.7	266.3	275.5	283.0	289.8	295.9	290.6	281.4
-75°	176.9	188.2	199.9	210.8	221.1	228.2	233.7	238.8	243.4	231.9	216.2
-77.5°	144.2	154.1	162.7	171.3	179.7	184.3	187.7	191.2	194.5	181.7	165.6
-80°	106.9	115.0	122.3	129.5	136.6	139.2	140.8	141.8	142.4	131.5	118.9
-82.5°	72.3	76.4	80.4	84.6	88.9	91.2	92.9	94.2	95.1	87.3	78.6
-85°	40.5	41.7	42.7	43.6	44.3	45.7	47.0	48.3	49.4	45.7	41.7
-87.5°	13.9	13.9	13.9	13.8	13.6	13.6	13.6	13.6	13.5	12.9	12.3
-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: P627112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
62.5°	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.7	0.7
60°	2.0	1.2	1.0	1.0	1.0	1.2	2.0	2.6	2.9	3.9	4.1
57.5°	19.9	17.3	15.6	14.0	15.6	17.3	19.9	21.3	21.4	27.7	28.6
55°	132.4	123.3	112.2	99.0	112.2	123.3	132.4	134.9	129.2	118.0	106.5
52.5°	259.8	268.4	273.4	273.0	273.4	268.4	259.8	250.9	242.4	230.7	220.5
50°	342.0	346.7	346.9	343.0	346.9	346.7	342.0	334.2	324.5	311.1	289.4
47.5°	501.0	494.5	483.2	471.0	483.2	494.5	501.0	494.9	481.2	452.9	398.7
45°	874.3	895.3	894.0	867.0	894.0	895.3	874.3	836.0	777.9	725.1	686.7
42.5°	1194.8	1226.3	1248.7	1260.0	1248.7	1226.3	1194.8	1156.1	1086.9	1006.7	921.3
40°	1505.0	1535.4	1548.9	1548.1	1548.9	1535.4	1505.0	1453.1	1361.1	1250.7	1150.1
37.5°	1832.7	1872.1	1891.2	1882.1	1891.2	1872.1	1832.7	1779.4	1697.3	1564.0	1450.6
35°	2283.3	2320.2	2320.9	2302.1	2320.9	2320.2	2283.3	2248.8	2169.2	2001.3	1918.5
32.5°	3279.2	3291.6	3196.7	3163.1	3196.7	3291.6	3279.2	3140.0	2964.7	2796.1	2609.5
30°	4187.1	4274.7	4356.1	4397.2	4356.1	4274.7	4187.1	4075.2	3962.6	3641.4	3348.8
27.5°	4794.5	4899.8	4965.0	4969.2	4965.0	4899.8	4794.5	4659.3	4480.0	4212.7	3895.9
25°	5346.9	5464.7	5535.8	5560.2	5535.8	5464.7	5346.9	5188.5	4979.5	4704.5	4356.0
22.5°	5925.7	6064.4	6156.4	6175.2	6156.4	6064.4	5925.7	5732.3	5504.6	5219.3	4822.7
20°	6597.1	6758.6	6846.8	6843.2	6846.8	6758.6	6597.1	6349.4	6086.7	5746.9	5315.0
17.5°	7481.2	7654.4	7730.6	7697.3	7730.6	7654.4	7481.2	7161.5	6883.0	6476.0	5996.7
15°	9005.0	9367.4	9365.9	9221.3	9365.9	9367.4	9005.0	8639.1	8282.7	7763.1	7197.8
12.5°	10884.7	11154.7	11431.8	11491.4	11431.8	11154.7	10884.7	10337.8	9941.3	9136.8	8478.3
10°	11799.3	12157.9	12394.6	12388.4	12394.6	12157.9	11799.3	11279.2	10661.8	9971.0	9091.2
7.5°	12371.5	12767.8	13054.6	13048.5	13054.6	12767.8	12371.5	11843.0	11164.4	10392.9	9487.4
5°	12813.1	13252.6	13506.7	13525.5	13506.7	13252.6	12813.1	12219.4	11525.2	10698.3	9773.6
2.5°	13042.5	13501.3	13806.7	13766.5	13806.7	13501.3	13042.5	12458.0	11766.0	10914.7	9976.2
0°	13138.5	13592.5	13877.5	14000.5	13877.5	13592.5	13138.5	12556.4	11844.4	11021.4	10075.4
-2.5°	13096.6	13538.4	13853.3	13865.5	13853.3	13538.4	13096.6	12514.1	11795.7	10976.0	10049.3
-5°	12872.1	13338.4	13549.4	13661.5	13549.4	13338.4	12872.1	12295.1	11603.4	10805.7	9921.8
-7.5°	12510.2	12859.6	13127.7	13251.5	13127.7	12859.6	12510.2	11956.2	11296.1	10531.0	9663.8
-10°	11947.1	12308.7	12535.2	12637.4	12535.2	12308.7	11947.1	11471.2	10860.8	10153.3	9340.0
-12.5°	11323.2	11651.8	11867.2	11953.4	11867.2	11651.8	11323.2	10871.3	10323.6	9677.6	8936.4
-15°	10627.1	10925.5	11123.7	11206.4	11123.7	10925.5	10627.1	10197.0	9696.6	9123.8	8440.2
-17.5°	9860.8	10122.3	10319.8	10379.4	10319.8	10122.3	9860.8	9478.2	9020.7	8511.8	7928.8
-20°	9072.8	9309.2	9471.9	9507.3	9471.9	9309.2	9072.8	8753.6	8335.0	7872.6	7363.0



REPORT NUMBER: P627112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8278.9	8473.7	8605.8	8650.3	8605.8	8473.7	8278.9	8017.8	7654.0	7258.4	6781.8
-25°	7503.0	7671.1	7777.5	7817.3	7777.5	7671.1	7503.0	7271.6	6971.0	6627.5	6208.1
-27.5°	6756.8	6913.4	7011.1	7024.2	7011.1	6913.4	6756.8	6552.9	6300.3	5984.1	5607.6
-30°	6022.5	6152.0	6227.3	6259.2	6227.3	6152.0	6022.5	5852.8	5634.4	5356.3	5027.6
-32.5°	5336.4	5449.5	5517.1	5535.2	5517.1	5449.5	5336.4	5189.7	5004.6	4761.7	4451.9
-35°	4688.6	4793.0	4853.0	4848.2	4853.0	4793.0	4688.6	4550.2	4376.0	4163.8	3887.6
-37.5°	4046.4	4142.8	4197.2	4192.1	4197.2	4142.8	4046.4	3917.9	3762.3	3577.2	3331.0
-40°	3409.5	3492.6	3540.5	3552.1	3540.5	3492.6	3409.5	3293.6	3152.6	2979.6	2778.6
-42.5°	2799.1	2875.9	2914.2	2899.1	2914.2	2875.9	2799.1	2699.6	2579.9	2435.1	2280.9
-45°	2246.1	2285.7	2311.8	2328.1	2311.8	2285.7	2246.1	2186.4	2101.0	1992.6	1867.7
-47.5°	1842.4	1875.2	1893.0	1896.1	1893.0	1875.2	1842.4	1795.8	1732.2	1652.9	1561.4
-50°	1529.3	1557.3	1569.6	1566.1	1569.6	1557.3	1529.3	1492.8	1445.8	1385.5	1315.9
-52.5°	1273.5	1289.7	1300.7	1306.0	1300.7	1289.7	1273.5	1250.4	1218.3	1170.7	1116.3
-55°	1076.5	1089.1	1096.5	1099.0	1096.5	1089.1	1076.5	1058.5	1034.6	996.8	954.8
-57.5°	917.2	929.2	933.6	932.0	933.6	929.2	917.2	901.8	883.3	854.8	822.4
-60°	779.3	786.2	791.4	794.0	791.4	786.2	779.3	769.5	756.7	734.8	708.7
-62.5°	662.1	668.5	673.9	677.0	673.9	668.5	662.1	653.2	642.0	625.0	604.9
-65°	544.6	547.4	548.2	547.0	548.2	547.4	544.6	539.6	532.6	521.5	507.0
-67.5°	447.8	450.1	451.7	452.0	451.7	450.1	447.8	444.0	438.9	431.2	420.3
-70°	364.0	365.0	363.8	361.0	363.8	365.0	364.0	362.5	360.9	357.4	349.0
-72.5°	271.9	262.0	252.0	241.0	252.0	262.0	271.9	281.4	290.6	295.9	289.8
-75°	199.9	183.0	176.9	171.0	176.9	183.0	199.9	216.2	231.9	243.4	238.8
-77.5°	148.7	131.1	126.4	122.0	126.4	131.1	148.7	165.6	181.7	194.5	191.2
-80°	105.6	91.9	88.9	86.0	88.9	91.9	105.6	118.9	131.5	142.4	141.8
-82.5°	69.4	59.9	57.9	56.0	57.9	59.9	69.4	78.6	87.3	95.1	94.2
-85°	37.4	32.9	32.0	31.0	32.0	32.9	37.4	41.7	45.7	49.4	48.3
-87.5°	11.7	11.0	11.0	11.0	11.0	11.0	11.7	12.3	12.9	13.5	13.6
-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: P627112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-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°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.7	0.7
85°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
82.5°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
80°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.0
75°	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.0
72.5°	0.0	0.0	0.1	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.8	1.0	1.0
65°	0.2	0.2	0.2	0.5	0.7	1.0	1.0	0.9	0.9	1.0	1.0
62.5°	0.8	1.0	0.9	0.8	0.9	1.3	1.3	1.3	1.2	1.5	2.3
60°	3.3	1.6	3.6	4.2	3.3	3.2	5.6	5.3	2.0	7.5	9.1
57.5°	21.9	20.2	29.0	28.1	16.8	24.0	28.7	19.2	13.4	21.3	25.7
55°	95.8	93.6	91.2	85.9	78.8	73.4	72.3	72.2	57.3	41.6	47.1
52.5°	209.9	186.8	170.4	162.3	150.8	133.4	119.5	116.7	113.2	93.7	77.4
50°	269.6	265.4	247.6	220.2	217.7	200.2	175.9	159.2	157.0	143.6	119.0
47.5°	387.3	387.3	350.7	317.4	307.6	292.5	261.7	216.5	212.4	201.0	173.5
45°	627.6	584.0	563.6	499.3	429.5	402.6	377.0	322.6	278.1	260.7	241.3
42.5°	850.3	785.5	731.9	667.5	590.6	523.2	475.1	415.4	361.7	324.5	296.8
40°	1058.7	954.2	880.0	798.9	715.2	631.8	572.3	497.1	436.0	386.1	356.8
37.5°	1319.3	1175.6	1093.1	966.9	861.4	775.2	699.0	603.4	505.0	464.5	428.1
35°	1702.8	1532.6	1436.2	1282.6	1069.3	993.0	893.7	750.5	626.1	556.5	511.6
32.5°	2390.6	2136.3	1958.8	1753.8	1471.3	1270.4	1138.4	979.1	779.8	679.8	605.2
30°	3089.3	2745.5	2496.8	2288.6	1913.3	1617.1	1413.4	1188.0	973.1	810.7	709.5
27.5°	3562.5	3224.7	2915.0	2615.9	2311.9	1968.1	1663.0	1373.5	1138.6	956.9	826.2
25°	3977.8	3595.6	3246.8	2922.7	2597.9	2263.8	1894.3	1569.0	1293.2	1085.4	914.8
22.5°	4389.0	3982.5	3587.2	3210.3	2880.6	2523.2	2132.9	1758.6	1441.7	1226.4	1021.3
20°	4855.0	4387.0	3930.7	3574.3	3199.0	2791.3	2357.2	2000.4	1689.8	1394.9	1137.9
17.5°	5521.9	4896.6	4477.4	4076.0	3588.4	3090.0	2713.2	2339.1	1956.7	1573.0	1260.1
15°	6425.3	5779.3	5299.1	4749.1	4079.4	3564.8	3150.4	2696.2	2243.2	1783.7	1405.7
12.5°	7499.5	6715.7	6150.0	5366.9	4613.4	4056.7	3588.0	3079.6	2523.1	1974.2	1541.1
10°	8175.4	7330.6	6525.0	5772.9	5085.2	4512.0	3923.4	3302.5	2683.6	2117.8	1658.2
7.5°	8534.5	7634.0	6802.6	6050.6	5348.9	4685.4	4058.4	3433.2	2812.7	2230.1	1757.2
5°	8773.1	7859.3	6991.1	6187.1	5469.7	4801.8	4159.4	3521.8	2909.8	2312.9	1838.1
2.5°	8949.2	8005.9	7112.0	6266.4	5537.0	4872.0	4223.5	3573.4	2960.5	2357.2	1866.4
0°	9036.3	8052.3	7156.3	6319.2	5568.2	4887.2	4248.2	3592.1	2972.1	2376.1	1878.1
-2.5°	9018.8	8022.9	7118.5	6317.6	5570.2	4873.0	4251.5	3602.2	2975.3	2390.2	1886.4
-5°	8926.0	7972.9	7075.3	6273.3	5537.2	4839.4	4218.2	3580.2	2952.0	2379.0	1878.5
-7.5°	8738.1	7822.7	6952.0	6171.6	5452.4	4770.1	4150.5	3526.2	2904.7	2340.2	1855.1
-10°	8455.6	7582.7	6754.5	6016.1	5315.4	4656.6	4050.1	3434.8	2826.7	2276.4	1814.4
-12.5°	8105.9	7281.7	6492.1	5804.8	5135.8	4506.7	3914.1	3306.0	2718.3	2187.9	1756.5
-15°	7678.4	6938.7	6224.6	5558.1	4925.5	4316.3	3737.6	3145.7	2580.4	2073.9	1681.4
-17.5°	7244.9	6558.2	5888.3	5255.9	4669.5	4090.9	3529.6	2967.4	2426.5	1951.0	1593.3
-20°	6762.3	6128.1	5508.6	4934.8	4388.1	3838.5	3297.8	2757.1	2250.3	1836.0	1515.4



REPORT NUMBER: P627112 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6238.6	5672.2	5111.3	4593.8	4082.1	3555.4	3037.8	2527.4	2046.7	1707.0	1427.0
-25°	5708.3	5193.9	4691.2	4214.9	3735.2	3237.8	2759.6	2293.6	1896.1	1585.2	1331.6
-27.5°	5175.9	4710.2	4246.2	3806.0	3354.4	2916.2	2479.2	2056.8	1733.1	1468.6	1242.7
-30°	4649.6	4228.8	3804.2	3383.9	2975.3	2575.1	2184.5	1864.5	1583.1	1344.1	1143.2
-32.5°	4107.4	3741.3	3354.6	2960.5	2589.6	2236.3	1939.5	1669.8	1426.6	1229.5	1054.7
-35°	3580.2	3243.4	2887.5	2549.0	2220.7	1956.1	1704.7	1484.2	1289.6	1115.1	966.5
-37.5°	3041.8	2737.9	2443.7	2159.9	1925.5	1701.7	1502.9	1322.8	1154.7	1015.9	887.9
-40°	2534.6	2270.0	2058.6	1849.8	1664.0	1485.2	1328.2	1173.4	1043.7	921.5	811.3
-42.5°	2100.4	1914.7	1744.8	1587.2	1434.8	1302.7	1170.2	1049.8	936.6	834.2	742.7
-45°	1749.3	1616.6	1478.4	1362.7	1245.0	1139.7	1033.9	934.7	839.6	756.0	674.9
-47.5°	1471.3	1372.5	1268.4	1175.5	1087.4	997.2	914.7	829.2	755.4	681.0	613.4
-50°	1244.3	1171.2	1095.1	1020.0	950.8	877.1	808.7	741.5	676.5	614.8	553.2
-52.5°	1057.2	1004.4	948.0	888.3	833.1	775.8	716.0	661.9	606.0	551.6	497.7
-55°	908.9	866.8	824.1	778.9	732.9	685.8	637.1	588.5	540.3	490.8	450.1
-57.5°	787.1	751.7	717.7	681.8	644.3	604.4	562.9	519.5	480.1	442.7	405.7
-60°	680.4	650.6	623.4	594.5	563.8	529.4	495.5	461.3	427.2	394.7	363.0
-62.5°	584.0	562.8	538.4	513.8	489.5	464.1	433.7	403.6	374.6	346.7	320.6
-65°	490.6	472.5	453.6	436.0	416.5	394.8	369.0	345.5	322.8	299.8	278.3
-67.5°	407.9	393.9	378.8	363.1	347.6	330.2	311.2	291.7	273.5	254.7	238.6
-70°	339.7	329.6	317.8	303.8	289.7	275.5	261.0	245.7	229.1	212.2	199.2
-72.5°	283.0	275.5	266.3	254.7	242.2	229.8	216.9	203.3	188.7	173.0	160.6
-75°	233.7	228.2	221.1	210.8	199.9	188.2	176.9	164.5	150.3	134.2	121.6
-77.5°	187.7	184.3	179.7	171.3	162.7	154.1	144.2	129.6	115.3	101.6	92.3
-80°	140.8	139.2	136.6	129.5	122.3	115.0	106.9	95.9	85.4	75.5	67.9
-82.5°	92.9	91.2	88.9	84.6	80.4	76.4	72.3	64.8	57.5	50.4	44.3
-85°	47.0	45.7	44.3	43.6	42.7	41.7	40.5	36.2	32.1	28.3	24.9
-87.5°	13.6	13.6	13.6	13.8	13.9	13.9	13.9	12.9	11.9	10.9	9.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-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°	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.6
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.0	1.0
65°	1.0	1.0	1.1	1.5	1.4	1.0	1.0	1.9	1.6	1.4	1.0
62.5°	2.0	1.0	2.6	3.5	2.2	1.8	1.5	4.2	2.7	1.9	1.4
60°	4.5	3.7	7.0	10.7	7.7	3.0	4.4	7.2	6.6	2.4	1.9
57.5°	23.1	10.6	15.6	20.3	19.4	10.9	8.8	12.3	11.1	6.5	2.6
55°	48.0	40.8	32.5	32.3	32.7	25.9	18.4	19.0	16.8	11.9	3.8
52.5°	73.0	70.7	63.0	51.3	47.1	42.6	34.8	26.9	25.0	17.8	9.4
50°	104.1	98.4	92.2	80.3	65.1	59.1	51.1	41.1	34.0	24.9	15.6
47.5°	139.6	129.7	120.4	108.8	92.2	76.5	67.6	55.8	43.9	34.2	21.8
45°	195.0	162.8	150.3	136.9	119.8	100.2	84.8	70.2	56.9	43.6	28.0
42.5°	252.0	207.2	180.9	165.8	147.9	125.9	102.6	86.3	69.7	52.9	35.4
40°	309.3	253.9	214.1	195.2	177.0	151.4	125.4	103.1	82.2	62.6	43.5
37.5°	371.2	306.1	252.3	225.8	206.6	179.0	148.5	120.2	95.1	73.1	51.5
35°	448.3	368.0	293.9	261.2	235.4	207.0	171.4	138.9	110.5	83.7	59.3
32.5°	535.0	436.4	353.5	299.7	264.6	235.6	195.8	159.9	126.2	94.2	67.1
30°	621.2	506.8	410.0	337.9	295.7	262.4	221.7	181.0	142.3	104.7	74.9
27.5°	687.0	567.5	463.0	383.7	330.1	289.0	247.6	202.2	158.7	116.3	83.5
25°	754.2	623.7	514.3	428.6	363.8	316.2	272.5	223.5	176.1	129.7	91.9
22.5°	832.7	677.1	557.7	469.2	399.6	343.8	296.2	245.0	193.8	142.9	100.1
20°	909.5	726.4	597.5	516.5	438.6	374.6	319.5	265.5	211.0	155.9	108.0
17.5°	988.2	795.6	663.7	565.5	478.9	405.1	342.5	284.9	227.8	168.5	115.6
15°	1106.8	888.0	730.4	613.9	517.9	434.9	365.0	303.3	243.9	180.7	122.4
12.5°	1218.6	975.1	795.1	661.2	555.3	463.9	386.9	320.4	259.3	190.9	128.0
10°	1317.5	1056.1	857.1	706.9	590.9	491.6	407.8	333.9	268.5	199.0	133.1
7.5°	1403.5	1130.4	915.6	750.3	621.2	510.4	418.5	340.9	275.4	206.1	137.5
5°	1469.3	1181.0	947.8	767.6	632.6	519.0	426.1	346.6	280.9	212.2	141.3
2.5°	1491.1	1197.9	960.5	777.4	640.9	525.2	432.0	351.0	285.1	217.1	144.5
0°	1501.1	1206.0	967.0	783.0	646.0	529.0	436.0	354.0	288.0	221.0	147.0
-2.5°	1512.1	1217.1	976.2	791.7	651.4	534.2	440.3	358.7	292.2	225.3	151.2
-5°	1511.3	1219.2	979.1	795.9	653.5	536.9	442.7	362.0	295.2	228.5	154.8
-7.5°	1495.4	1209.7	975.4	795.1	652.3	537.3	443.4	364.0	297.0	230.5	157.6
-10°	1466.8	1190.1	964.4	787.9	648.0	534.9	442.3	364.6	297.7	231.3	159.5
-12.5°	1426.5	1162.2	946.7	776.1	640.3	529.9	439.1	362.9	297.3	231.1	160.7
-15°	1374.8	1126.2	922.3	759.8	629.2	522.4	433.9	359.4	294.7	229.4	160.9
-17.5°	1312.2	1082.6	891.1	739.0	614.6	512.5	426.8	354.5	291.2	226.4	160.6
-20°	1254.2	1036.6	855.2	713.8	596.6	500.2	417.7	348.3	286.8	222.7	159.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627112 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1189.3	988.9	823.3	689.6	577.5	485.6	406.6	340.7	281.6	218.3	158.4
-25°	1115.1	934.7	786.9	662.7	558.9	471.5	395.2	331.8	275.6	213.3	156.3
-27.5°	1045.3	878.9	746.1	631.6	537.5	455.3	384.0	323.7	268.7	207.8	153.5
-30°	974.1	830.3	707.0	599.1	513.8	437.3	371.3	314.8	260.8	202.9	150.1
-32.5°	901.7	777.4	665.1	571.0	490.9	417.9	357.5	305.4	252.7	198.0	147.3
-35°	839.5	725.2	620.1	540.7	467.4	401.4	343.7	295.4	244.3	192.5	144.2
-37.5°	773.3	672.4	585.1	510.5	442.3	383.3	330.5	283.6	235.6	186.4	140.5
-40°	714.1	623.0	547.4	481.5	419.6	363.9	315.8	271.0	227.6	179.7	136.2
-42.5°	653.7	578.2	510.6	450.1	396.8	346.0	299.8	257.6	217.1	173.4	131.2
-45°	600.9	532.3	472.6	421.7	373.0	326.5	284.1	243.7	205.9	167.0	126.0
-47.5°	546.2	488.0	437.1	392.0	349.6	306.3	267.5	230.8	194.3	159.9	120.7
-50°	495.3	446.1	403.7	363.3	323.8	287.4	251.0	217.5	183.7	150.5	114.8
-52.5°	450.0	409.0	371.3	334.5	300.5	267.6	236.2	204.0	172.6	141.1	108.2
-55°	409.9	373.4	339.4	307.6	277.2	250.0	221.0	191.2	161.1	131.5	101.1
-57.5°	371.6	338.7	309.8	281.5	255.6	231.9	206.2	178.1	149.5	121.3	94.9
-60°	333.0	306.5	280.9	257.1	234.7	213.3	191.4	164.5	137.5	110.9	87.3
-62.5°	296.1	273.9	254.1	233.2	212.7	193.8	176.1	150.5	125.0	100.6	78.9
-65°	259.8	242.8	226.9	207.2	189.4	173.6	158.9	135.9	111.8	89.7	70.1
-67.5°	223.9	209.9	195.6	179.7	166.5	153.6	140.6	119.8	97.9	78.1	61.3
-70°	187.7	175.8	165.6	155.5	144.5	133.2	120.2	102.4	83.3	67.2	52.1
-72.5°	152.2	144.9	138.8	131.7	122.3	111.6	99.4	84.9	70.0	55.9	42.7
-75°	117.2	115.7	113.8	109.2	100.3	90.2	80.4	69.3	56.5	44.4	34.8
-77.5°	92.3	91.7	90.4	87.2	79.4	71.2	62.6	53.3	43.6	35.2	27.3
-80°	68.4	68.3	67.7	65.7	59.0	52.1	46.1	40.2	33.0	26.2	19.7
-82.5°	44.9	45.6	45.9	45.3	40.8	36.3	32.0	27.8	22.3	17.0	13.2
-85°	25.7	26.1	26.3	26.0	23.2	20.5	18.7	16.8	13.9	11.2	8.8
-87.5°	10.7	11.3	11.7	12.0	11.1	10.2	9.3	8.4	7.0	5.6	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
67.5°	1.1	1.0	1.0	1.0	0.8	0.4	0.0
65°	1.2	1.1	1.0	1.0	0.8	0.4	0.0
62.5°	1.4	1.3	1.0	1.0	0.9	0.5	0.0
60°	1.6	1.6	1.0	1.0	1.0	0.5	0.0
57.5°	2.7	1.9	1.3	1.0	1.0	0.5	0.0
55°	4.1	2.2	1.6	1.0	1.0	0.6	0.0
52.5°	5.8	2.8	1.9	1.0	1.0	0.6	0.0
50°	7.6	4.5	2.2	1.0	1.1	0.6	0.0
47.5°	10.2	6.3	2.6	1.1	1.1	0.7	0.0
45°	15.6	8.3	2.9	1.3	1.1	0.7	0.0
42.5°	21.0	10.4	3.3	1.6	1.2	0.7	0.0
40°	26.3	12.6	4.4	2.0	1.2	0.8	0.0
37.5°	31.7	14.9	6.1	2.4	1.2	0.8	0.0
35°	37.0	18.5	7.8	2.9	1.3	0.8	0.0
32.5°	42.5	22.7	9.6	3.4	1.3	0.8	0.0
30°	48.8	26.7	11.3	3.9	1.4	0.9	0.0
27.5°	54.9	30.7	13.3	4.5	1.4	0.9	0.0
25°	60.7	34.5	15.4	5.1	1.5	0.9	0.0
22.5°	66.3	38.2	17.3	5.7	1.5	0.9	0.0
20°	71.6	41.8	19.2	6.3	1.6	0.9	0.0
17.5°	76.6	45.2	21.0	6.9	1.6	1.0	0.0
15°	81.1	48.3	22.8	7.6	1.7	1.0	0.0
12.5°	85.3	51.3	24.4	8.2	1.7	1.0	0.0
10°	89.0	53.9	26.0	8.8	1.8	1.0	0.0
7.5°	92.4	56.4	27.4	9.4	1.9	1.0	0.0
5°	95.4	58.5	28.8	10.0	1.9	1.0	0.0
2.5°	97.9	60.4	30.0	10.5	2.0	1.0	0.0
0°	100.0	62.0	31.0	11.0	2.0	1.0	0.0
-2.5°	102.7	64.0	32.4	11.7	2.3	1.1	0.0
-5°	105.0	65.6	33.7	12.3	2.6	1.1	0.0
-7.5°	106.8	66.9	34.7	12.9	2.9	1.2	0.0
-10°	108.0	67.9	35.6	13.4	3.2	1.2	0.0
-12.5°	108.8	68.6	36.3	13.9	3.4	1.3	0.0
-15°	109.0	68.9	36.7	14.2	3.7	1.3	0.0
-17.5°	108.7	68.9	36.9	14.5	3.9	1.4	0.0
-20°	108.4	68.5	36.9	14.7	4.1	1.4	0.0

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CATALOG NUMBER: GFLD-SA3B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	108.4	67.7	36.6	14.7	4.3	1.5	0.0
-25°	108.0	67.5	36.0	14.7	4.5	1.5	0.0
-27.5°	106.9	67.2	35.2	14.6	4.6	1.5	0.0
-30°	105.4	66.5	34.2	14.4	4.7	1.5	0.0
-32.5°	103.2	65.3	33.7	14.1	4.8	1.5	0.0
-35°	101.2	63.7	33.0	13.7	4.8	1.5	0.0
-37.5°	98.9	62.0	32.0	13.2	4.8	1.5	0.0
-40°	96.1	60.5	30.8	12.6	4.8	1.5	0.0
-42.5°	92.7	58.6	29.8	12.0	4.8	1.5	0.0
-45°	88.7	56.3	29.2	11.5	4.7	1.5	0.0
-47.5°	84.2	53.7	28.4	10.9	4.6	1.4	0.0
-50°	80.3	50.6	27.2	10.7	4.5	1.4	0.0
-52.5°	76.1	47.2	25.7	10.6	4.3	1.3	0.0
-55°	71.4	44.5	23.9	10.3	4.1	1.3	0.0
-57.5°	66.3	41.4	21.8	9.9	3.9	1.2	0.0
-60°	60.8	38.0	19.6	9.3	3.6	1.1	0.0
-62.5°	55.4	34.2	18.2	8.7	3.4	1.1	0.0
-65°	49.6	30.0	16.7	7.9	3.1	1.0	0.0
-67.5°	43.3	26.3	14.9	7.0	2.9	0.9	0.0
-70°	36.5	23.0	13.0	6.1	2.6	0.8	0.0
-72.5°	31.0	19.5	10.9	5.3	2.3	0.7	0.0
-75°	25.4	15.8	8.6	4.7	2.0	0.6	0.0
-77.5°	19.6	11.9	7.1	3.9	1.7	0.5	0.0
-80°	13.6	9.1	5.8	3.2	1.4	0.4	0.0
-82.5°	10.0	6.9	4.4	2.4	1.0	0.3	0.0
-85°	6.7	4.6	2.9	1.6	0.7	0.2	0.0
-87.5°	3.4	2.3	1.5	0.8	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)