

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: P626850 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-730-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626850 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-730-U-VWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

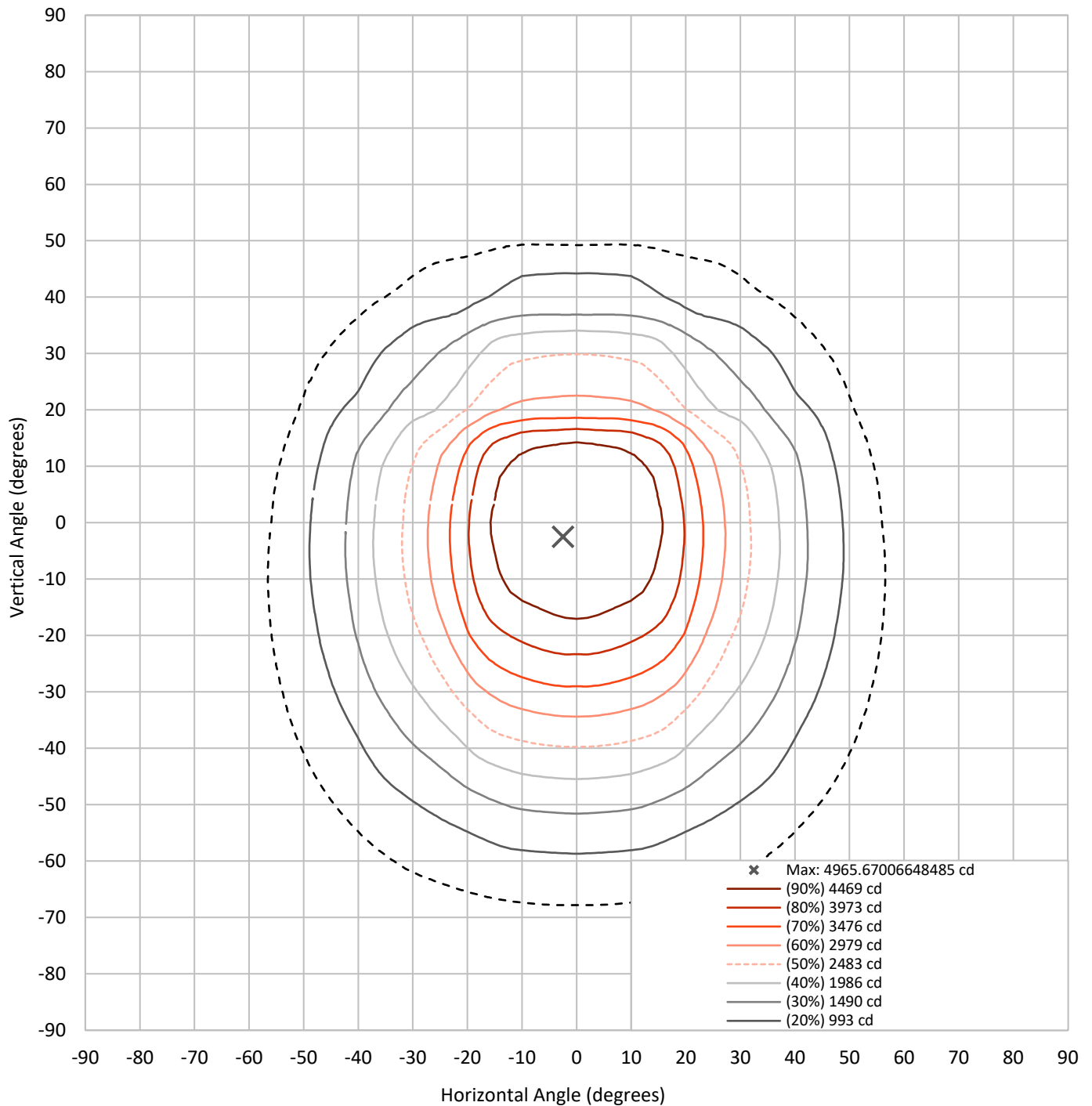
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	6626.9 lumens	Max Intensity:	4965.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	104.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	3834.1 lumens	Field Lumens:	6288.5 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	63.6		
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		



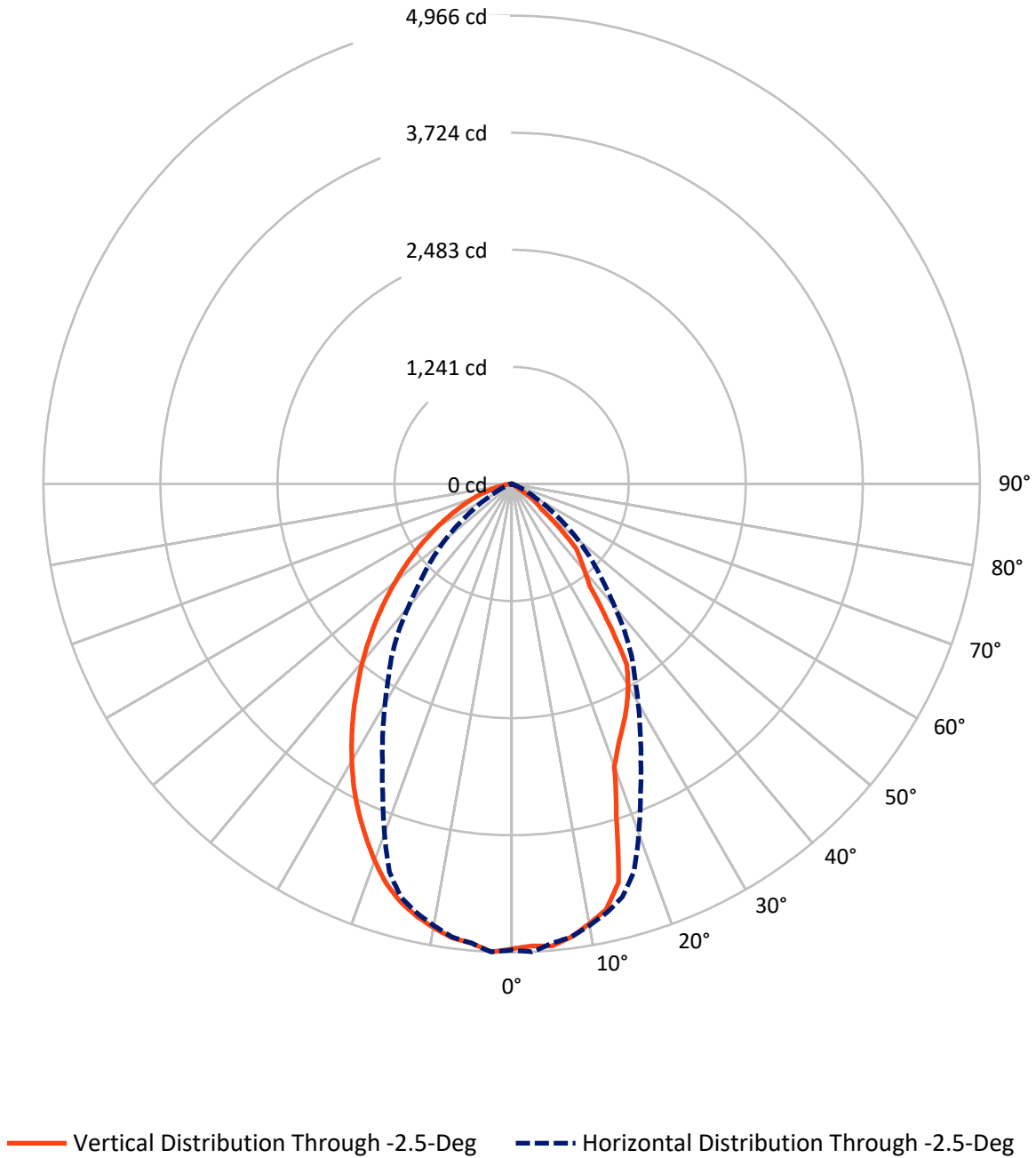
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Iso-Candela Plot



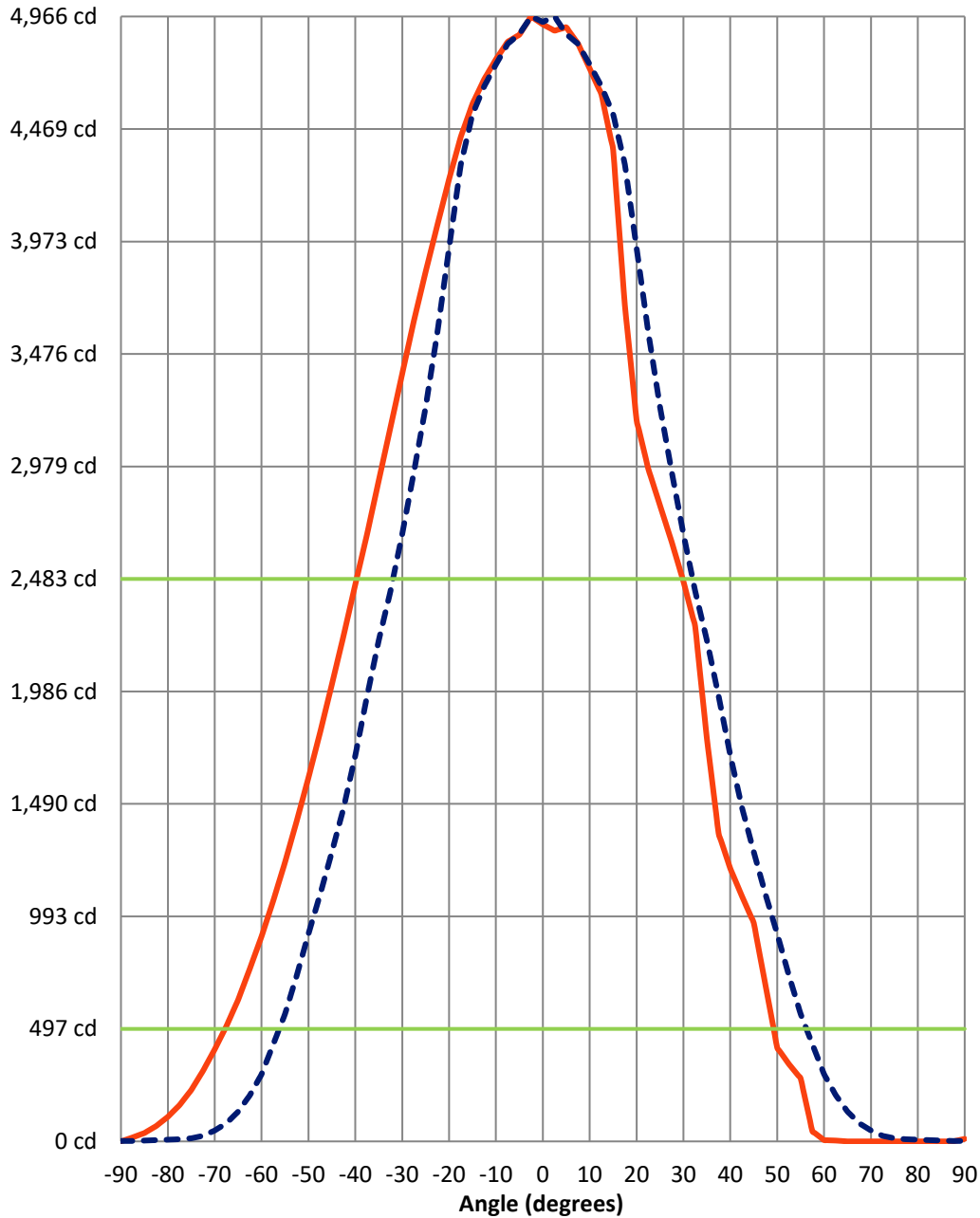
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 3834.1
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 6288.5
 Efficiency: 94.9%

Spill:
 Lumens: 338.4
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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°	1.9	1.9	1.9	2.3	2.8	3.3	3.7	4.2	4.7	5.1	5.6
87.5°	1.9	1.9	1.9	1.8	1.7	1.6	1.4	1.0	0.6	0.3	0.0
85°	1.9	1.9	1.9	1.8	1.6	1.3	0.9	0.6	0.3	0.1	0.0
82.5°	1.9	1.9	1.9	1.7	1.4	1.0	0.4	0.1	0.0	0.3	0.5
80°	1.9	1.9	1.9	1.7	1.3	0.7	0.1	0.4	0.7	1.0	1.3
77.5°	1.9	1.9	1.9	1.6	1.1	0.6	0.6	0.9	1.3	1.7	1.7
75°	1.9	1.9	1.9	1.6	1.0	0.9	1.1	1.5	1.9	1.5	1.0
72.5°	1.9	1.9	1.9	1.5	1.2	1.2	1.5	1.9	1.6	1.1	0.3
70°	1.9	1.9	1.9	1.5	1.4	1.5	1.9	1.8	1.4	0.7	0.9
67.5°	1.9	1.9	1.9	1.6	1.5	1.8	2.0	1.7	1.2	1.5	1.7
65°	1.9	1.9	1.9	1.6	1.7	2.0	2.0	1.7	1.9	2.2	2.3
62.5°	1.9	1.9	1.9	1.7	1.8	2.1	2.1	2.1	2.5	2.8	2.6
60°	1.9	1.9	1.9	1.8	1.9	2.3	2.2	2.7	3.1	3.3	2.9
57.5°	1.9	1.9	1.9	1.8	2.1	2.4	2.7	3.2	3.7	3.7	3.7
55°	1.9	1.9	1.9	1.8	2.2	2.6	3.1	3.7	4.2	4.3	4.5
52.5°	1.9	1.9	2.0	1.9	2.4	2.9	3.6	4.3	4.9	5.1	5.4
50°	1.9	1.9	2.0	1.9	2.6	3.2	4.0	4.8	5.5	5.9	6.3
47.5°	1.9	1.9	2.1	1.9	2.8	3.6	4.5	5.4	6.2	6.7	7.1
45°	1.9	1.9	2.1	2.1	3.1	4.0	4.9	5.9	6.8	7.4	8.0
42.5°	1.9	1.9	2.2	2.3	3.3	4.3	5.3	6.4	7.5	8.2	9.7
40°	1.9	1.9	2.2	2.5	3.5	4.7	5.8	7.0	8.2	9.0	11.6
37.5°	1.9	1.9	2.3	2.7	3.8	5.0	6.2	7.7	9.0	10.2	13.5
35°	1.9	1.9	2.4	3.0	4.1	5.3	6.5	8.4	9.8	12.5	17.1
32.5°	1.9	1.9	2.5	3.2	4.3	5.6	7.0	9.0	10.7	15.3	24.5
30°	1.9	1.9	2.6	3.4	4.6	5.9	7.5	9.7	11.6	18.4	31.6
27.5°	1.9	1.9	2.6	3.7	4.9	6.2	8.1	10.5	13.1	21.9	38.5
25°	1.9	1.9	2.7	3.9	5.2	6.5	8.6	11.2	15.8	27.0	45.3
22.5°	1.9	1.9	2.8	4.1	5.4	6.8	9.1	11.9	18.6	32.5	54.2
20°	1.9	1.9	2.9	4.3	5.7	7.1	9.7	12.6	21.6	37.8	63.0
17.5°	1.9	1.9	3.0	4.5	6.0	7.4	10.2	13.4	24.6	42.8	71.8
15°	1.9	1.9	3.1	4.7	6.2	7.7	10.7	14.3	27.6	47.5	80.2
12.5°	1.9	1.9	3.2	4.8	6.4	8.0	11.2	15.6	30.9	51.8	88.3
10°	1.9	1.9	3.3	5.0	6.7	8.3	11.6	16.9	34.4	56.9	96.5
7.5°	1.9	1.9	3.4	5.2	6.9	8.6	12.0	18.3	37.8	61.8	105.0
5°	1.9	1.9	3.5	5.3	7.1	8.8	12.4	19.7	40.9	66.3	112.9
2.5°	1.9	1.9	3.6	5.5	7.2	9.1	12.7	21.0	43.8	70.4	119.9
0°	1.9	1.9	3.7	5.6	7.4	9.3	13.0	22.2	46.3	74.1	126.0
-2.5°	1.9	1.9	3.7	5.6	7.4	9.3	13.0	22.2	46.3	74.1	126.0
-5°	1.9	1.9	3.7	5.6	7.7	9.7	14.4	26.6	49.6	85.1	136.1
-7.5°	1.9	1.9	3.7	5.6	7.8	9.8	14.9	28.4	50.8	89.3	139.6
-10°	1.9	1.9	3.6	5.5	7.9	10.0	15.4	29.9	51.7	92.3	142.2
-12.5°	1.9	1.9	3.6	5.5	8.0	10.1	15.8	31.0	52.3	93.9	144.2
-15°	1.9	1.9	3.6	5.4	8.0	10.2	16.0	31.7	53.4	93.8	145.0
-17.5°	1.9	1.9	3.5	5.3	8.0	10.2	16.1	32.4	55.0	92.8	144.1
-20°	1.9	1.9	3.5	5.3	8.0	10.3	16.5	33.0	56.0	91.1	141.4

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CATALOG NUMBER: GFLD-SA2B-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	1.9	1.9	3.4	5.2	7.9	10.3	17.5	33.3	56.5	88.7	136.9
-25°	1.9	1.9	3.4	5.1	7.7	11.0	18.4	33.2	56.3	85.5	130.5
-27.5°	1.9	1.9	3.3	5.0	7.5	11.9	19.1	32.7	55.5	82.9	125.8
-30°	1.9	1.9	3.2	4.8	7.4	12.6	19.5	31.8	54.4	81.6	120.6
-32.5°	1.9	1.9	3.1	4.7	7.6	13.3	19.8	31.8	53.1	79.6	114.6
-35°	1.9	1.9	3.0	4.6	7.8	13.8	20.3	32.0	51.2	76.7	108.0
-37.5°	1.9	1.9	3.0	4.4	8.0	14.1	20.9	31.9	48.9	73.0	105.1
-40°	1.9	1.9	2.9	4.3	8.0	14.2	21.2	31.5	46.0	69.4	101.8
-42.5°	1.9	1.9	2.8	4.2	8.1	14.2	21.3	30.8	44.3	66.5	96.7
-45°	1.9	1.9	2.6	4.2	8.1	14.1	21.2	30.1	43.2	63.0	90.4
-47.5°	1.9	1.9	2.5	4.2	8.0	13.9	20.9	29.7	41.6	58.7	85.4
-50°	1.9	1.9	2.4	4.1	7.9	13.5	20.5	28.9	40.4	57.2	79.4
-52.5°	1.9	1.9	2.3	4.0	7.6	13.1	19.9	27.9	39.4	55.2	73.0
-55°	1.9	1.9	2.2	3.9	7.3	12.6	19.2	26.6	38.1	52.7	70.0
-57.5°	1.9	1.9	2.0	3.8	6.9	11.9	18.3	25.5	36.3	50.1	66.4
-60°	1.9	1.9	1.9	3.6	6.4	11.1	17.3	24.3	34.0	47.0	62.2
-62.5°	1.9	1.9	1.9	3.4	6.1	10.1	15.9	22.6	31.2	43.3	57.4
-65°	1.9	1.9	1.9	3.2	5.7	9.1	14.3	20.5	27.8	38.4	51.9
-67.5°	1.9	1.9	1.9	3.0	5.2	8.1	12.6	18.0	23.9	32.7	44.6
-70°	1.9	1.9	1.9	2.7	4.8	7.4	10.7	15.3	20.4	26.4	36.1
-72.5°	1.9	1.9	1.9	2.7	4.3	6.6	9.5	12.5	16.8	21.9	27.6
-75°	1.9	1.9	1.9	2.6	3.7	5.8	8.3	10.6	13.1	17.2	21.9
-77.5°	1.9	1.9	1.9	2.6	3.5	4.9	7.0	8.9	10.9	13.0	16.1
-80°	1.9	1.9	1.9	2.6	3.4	4.4	5.7	7.2	8.8	10.5	12.4
-82.5°	1.9	1.9	1.9	2.5	3.3	4.1	5.1	5.8	6.6	7.9	9.3
-85°	1.9	1.9	1.9	2.5	3.1	3.9	4.7	5.3	5.9	6.5	7.1
-87.5°	1.9	1.9	1.9	2.4	3.0	3.6	4.2	4.7	5.3	5.8	6.4
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	0.9	0.5	0.0



REPORT NUMBER: P626850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	6.1	6.5	7.0
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°	0.6	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.3	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.1	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.4	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.3	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.1	1.2	0.8	0.3	0.0	0.1	0.3	0.2	0.0	0.1	0.2
67.5°	1.8	1.3	0.9	0.5	0.7	1.0	0.9	1.0	1.0	1.1	1.0
65°	1.9	1.4	1.4	1.6	1.9	2.0	2.2	2.3	2.0	1.7	1.8
62.5°	2.0	2.1	2.4	2.7	3.0	3.2	3.3	2.9	2.2	2.8	3.2
60°	2.8	3.0	3.4	3.8	4.2	4.4	4.2	4.2	4.7	5.5	10.4
57.5°	3.7	4.0	4.4	5.0	5.5	5.6	5.8	6.3	14.7	24.0	26.5
55°	4.7	4.9	5.7	6.6	7.2	7.1	10.2	21.4	32.3	44.8	49.4
52.5°	5.7	6.1	7.4	8.5	9.2	14.3	25.8	41.1	57.2	71.5	90.0
50°	6.6	8.0	9.3	10.9	17.4	30.8	47.6	68.5	92.7	115.6	139.0
47.5°	8.3	10.0	12.0	17.2	34.4	52.9	76.1	109.7	139.6	167.3	199.4
45°	10.2	13.7	16.0	34.1	54.1	78.0	117.2	158.3	185.4	222.5	279.3
42.5°	12.2	19.0	30.6	51.6	75.9	114.4	163.1	198.1	234.2	294.3	354.0
40°	17.6	25.4	46.2	71.1	101.9	158.1	208.1	247.7	297.0	363.6	426.0
37.5°	24.1	38.8	62.1	92.0	142.7	204.3	257.8	314.4	371.2	434.0	549.7
35°	31.3	51.2	82.2	122.6	183.6	255.6	319.4	382.6	448.1	571.6	686.5
32.5°	40.7	62.7	103.3	158.1	227.7	306.8	380.9	454.0	558.9	698.7	814.0
30°	50.9	81.1	127.5	191.0	269.3	353.7	442.7	531.3	670.1	785.9	911.0
27.5°	61.5	100.5	155.9	225.4	308.3	398.0	498.5	624.7	748.6	863.0	1000.4
25°	72.4	120.7	181.9	258.3	346.6	445.8	561.4	715.2	812.1	938.4	1081.8
22.5°	86.4	140.1	207.6	288.0	382.1	495.0	642.4	796.8	910.8	1017.1	1157.2
20°	102.6	161.9	235.6	325.4	416.9	543.0	722.9	885.3	1019.4	1141.1	1269.8
17.5°	117.7	182.2	265.5	363.5	467.5	604.5	801.9	981.7	1129.2	1264.8	1425.5
15°	131.7	201.1	294.8	399.6	517.2	675.0	872.7	1070.1	1238.7	1391.3	1573.8
12.5°	144.5	218.3	323.1	433.3	564.1	735.8	932.2	1124.9	1310.1	1509.0	1716.1
10°	156.0	233.8	349.7	464.5	607.5	787.2	981.4	1170.5	1357.5	1567.9	1798.0
7.5°	168.4	248.2	374.0	492.8	647.1	829.6	1020.6	1207.2	1395.7	1615.0	1851.3
5°	179.8	261.5	393.2	513.1	677.6	862.8	1050.2	1235.0	1424.7	1650.1	1891.6
2.5°	189.8	272.7	408.9	529.1	700.3	887.1	1069.4	1258.2	1446.2	1678.6	1922.3
0°	198.3	281.8	420.8	541.3	717.4	904.6	1080.7	1273.5	1458.8	1697.9	1942.6
-2.5°	203.8	296.7	429.0	562.6	732.3	916.0	1090.8	1277.7	1472.4	1704.0	1965.4
-5°	207.6	308.7	434.0	579.0	742.1	921.0	1094.1	1274.4	1476.0	1702.5	1968.7
-7.5°	209.8	317.2	436.3	588.4	745.5	918.0	1088.5	1268.1	1470.1	1696.7	1954.0
-10°	211.1	319.9	439.4	585.5	741.0	908.1	1075.9	1253.4	1453.3	1677.7	1926.1
-12.5°	214.6	318.2	438.9	579.3	731.3	893.1	1057.4	1230.1	1425.2	1645.4	1887.4
-15°	215.5	314.3	433.6	570.1	716.4	873.5	1033.0	1198.2	1390.7	1613.9	1844.6
-17.5°	213.5	308.6	423.3	558.4	696.4	849.6	1004.4	1169.4	1358.3	1577.5	1799.7
-20°	208.6	301.1	407.8	544.6	672.7	823.2	975.7	1139.1	1321.0	1527.1	1749.5

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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°	200.5	292.0	391.1	525.3	652.3	792.8	942.0	1098.0	1274.3	1461.7	1681.9
-25°	192.1	281.8	377.8	498.8	627.7	757.3	903.3	1047.7	1219.5	1403.5	1598.9
-27.5°	184.1	267.6	364.1	469.8	598.7	719.5	859.6	1000.4	1157.8	1338.2	1518.0
-30°	173.7	252.2	347.3	441.8	564.1	683.8	810.8	949.4	1091.0	1262.2	1439.1
-32.5°	164.5	236.2	328.1	420.5	526.9	643.6	758.3	890.4	1028.5	1174.4	1349.3
-35°	158.4	226.7	307.9	395.9	488.9	599.9	709.0	823.7	957.5	1094.5	1248.0
-37.5°	153.4	215.9	286.6	370.3	458.8	554.1	656.2	761.8	878.5	1016.6	1161.0
-40°	145.6	203.6	270.8	345.9	423.9	510.6	605.4	701.0	802.1	937.0	1079.5
-42.5°	135.5	191.8	255.9	319.4	390.6	469.7	554.0	644.0	741.3	858.4	989.4
-45°	127.8	176.6	239.4	296.2	355.2	427.5	506.7	588.2	680.0	780.6	898.1
-47.5°	118.0	160.1	217.7	270.8	322.8	384.6	456.9	534.1	615.4	706.0	802.4
-50°	107.5	146.4	191.3	243.0	292.5	343.9	405.6	476.9	550.7	629.7	715.7
-52.5°	99.6	130.3	171.3	214.3	261.5	308.1	360.7	421.8	487.7	553.7	629.3
-55°	90.5	118.5	152.2	190.8	231.0	274.1	322.0	375.6	429.2	489.9	550.3
-57.5°	84.2	107.1	136.3	169.9	206.0	242.6	287.8	333.1	382.8	432.9	483.0
-60°	79.3	97.2	121.5	151.0	183.2	217.5	254.5	296.4	339.2	380.1	423.4
-62.5°	73.6	89.3	108.2	132.3	161.4	191.2	223.8	259.7	298.4	332.9	366.4
-65°	66.3	79.9	96.2	115.8	138.6	163.8	191.6	221.8	255.3	283.3	310.7
-67.5°	57.9	69.3	83.0	99.0	118.1	137.7	158.1	183.6	210.8	233.7	256.0
-70°	47.3	57.9	69.0	82.1	97.1	113.7	131.7	150.2	168.8	187.4	207.9
-72.5°	36.2	45.8	55.3	64.6	76.5	90.2	104.8	120.4	136.6	152.6	168.1
-75°	27.6	33.9	42.1	50.5	58.8	67.7	77.6	90.0	105.1	120.5	134.7
-77.5°	20.8	26.1	31.6	37.4	42.6	49.1	56.3	64.0	76.4	90.7	105.1
-80°	15.0	18.1	22.5	27.2	30.9	34.5	38.2	42.1	51.4	62.9	75.2
-82.5°	11.1	13.3	15.7	18.4	20.3	22.1	24.1	26.7	33.5	41.3	49.5
-85°	7.7	8.3	9.7	11.2	12.2	13.2	14.3	15.4	19.1	23.2	27.7
-87.5°	6.6	7.0	7.3	7.7	7.9	8.0	8.1	8.2	9.4	10.7	12.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.4	7.9	8.4	8.8	9.3	9.8	10.2	10.7	11.1	11.1	11.1
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°	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.9	1.0	1.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.0	1.9	1.4	0.9	0.5	0.7	1.1	1.3	1.4	1.2	1.0
62.5°	3.0	2.7	2.5	2.8	3.4	3.9	3.8	3.6	3.3	3.1	3.2
60°	11.0	7.3	8.4	10.6	9.9	6.8	11.2	12.7	10.8	7.4	7.1
57.5°	27.8	26.8	30.7	44.9	49.4	45.0	53.8	65.3	65.0	56.0	55.7
55°	59.2	79.4	103.8	107.8	124.8	158.8	185.3	173.7	173.7	182.4	210.6
52.5°	112.4	131.5	138.6	157.6	193.1	218.9	235.5	252.6	271.4	290.5	310.0
50°	165.0	183.5	204.6	224.0	273.2	299.6	295.2	330.7	376.2	404.6	419.2
47.5°	242.0	271.2	315.7	385.4	422.1	448.6	481.6	521.8	573.9	644.5	699.0
45°	332.7	378.7	447.5	521.5	578.4	604.4	642.1	704.4	787.4	868.3	927.3
42.5°	406.9	469.9	547.5	618.2	664.7	707.3	756.2	808.7	903.8	990.1	1058.3
40°	503.6	552.7	639.8	706.5	748.0	790.3	867.7	946.4	1035.8	1116.2	1172.1
37.5°	626.2	681.5	772.1	847.5	887.5	902.4	1034.1	1143.6	1216.2	1318.9	1352.5
35°	758.0	848.9	964.3	1062.1	1101.3	1179.7	1315.3	1468.0	1633.5	1694.4	1746.3
32.5°	904.9	1017.1	1173.7	1278.6	1334.6	1453.5	1625.3	1788.3	2004.6	2122.1	2157.2
30°	1039.3	1168.1	1302.7	1404.7	1500.4	1643.6	1800.2	2001.2	2201.3	2351.5	2398.1
27.5°	1138.0	1280.5	1409.9	1505.3	1613.4	1767.8	1963.0	2166.6	2363.0	2516.2	2570.6
25°	1232.2	1393.2	1495.6	1606.7	1733.6	1901.8	2118.2	2344.3	2537.8	2667.3	2734.0
22.5°	1339.3	1498.0	1608.0	1702.1	1868.0	2061.9	2262.7	2518.3	2723.2	2826.5	2898.9
20°	1449.8	1629.5	1799.4	1886.9	2030.4	2275.9	2500.7	2742.0	2939.9	3047.6	3123.8
17.5°	1604.1	1833.0	2041.4	2165.3	2319.0	2612.5	2893.1	3137.2	3412.5	3509.7	3602.8
15°	1766.8	2031.7	2275.8	2472.1	2670.7	2961.5	3322.6	3617.2	3931.3	4071.6	4230.1
12.5°	1929.0	2179.6	2400.8	2654.0	2933.8	3191.1	3534.9	3901.7	4186.7	4365.6	4472.4
10°	2050.2	2283.0	2495.8	2749.6	3028.9	3319.9	3661.6	4037.5	4336.0	4488.6	4575.8
7.5°	2115.6	2338.4	2562.9	2820.1	3098.2	3408.1	3760.1	4133.1	4438.2	4586.1	4672.2
5°	2164.2	2378.2	2610.7	2881.4	3162.6	3476.8	3828.3	4196.9	4475.1	4632.3	4741.1
2.5°	2193.6	2403.4	2641.1	2921.0	3202.8	3530.1	3898.6	4280.7	4524.1	4650.6	4750.6
0°	2202.1	2413.5	2658.1	2941.7	3230.9	3560.9	3926.0	4304.2	4550.7	4673.1	4775.0
-2.5°	2211.7	2429.3	2680.7	2955.2	3241.9	3571.0	3943.7	4312.1	4534.0	4657.4	4754.3
-5°	2205.0	2430.5	2681.1	2944.1	3232.7	3559.1	3916.9	4261.4	4493.4	4626.9	4723.3
-7.5°	2185.1	2413.8	2661.8	2914.5	3197.6	3527.7	3884.0	4215.8	4450.8	4591.5	4697.0
-10°	2156.1	2378.1	2627.8	2883.7	3163.4	3477.6	3828.5	4158.3	4383.2	4532.6	4655.7
-12.5°	2123.9	2341.3	2582.1	2827.5	3104.1	3414.4	3754.4	4066.6	4290.1	4453.2	4541.1
-15°	2076.2	2293.5	2523.6	2761.1	3030.7	3331.7	3656.5	3956.0	4175.6	4308.2	4405.3
-17.5°	2015.6	2228.8	2446.9	2672.1	2926.2	3222.6	3549.3	3844.7	4023.7	4142.2	4237.6
-20°	1950.6	2147.8	2354.4	2566.9	2813.2	3106.9	3427.7	3685.4	3854.1	3967.9	4058.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626850 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1876.4	2066.3	2255.5	2458.5	2700.0	2969.3	3252.7	3501.7	3683.1	3786.7	3870.0
-25°	1791.7	1976.3	2156.1	2352.3	2574.1	2816.2	3079.7	3324.4	3486.8	3596.9	3679.5
-27.5°	1700.4	1873.9	2049.5	2225.7	2425.2	2666.3	2910.4	3137.7	3276.3	3387.3	3470.4
-30°	1609.4	1765.5	1927.9	2094.6	2281.9	2499.4	2727.6	2918.7	3065.0	3172.8	3250.0
-32.5°	1510.7	1658.8	1802.7	1958.6	2134.9	2326.5	2526.9	2708.7	2864.9	2963.7	3028.7
-35°	1409.7	1553.1	1684.7	1826.2	1981.7	2147.1	2332.0	2511.3	2665.6	2743.8	2807.2
-37.5°	1304.4	1447.4	1572.2	1690.4	1824.4	1977.5	2157.6	2328.7	2462.0	2529.2	2586.3
-40°	1212.9	1338.7	1451.1	1564.2	1673.1	1809.1	1977.2	2142.8	2249.8	2315.3	2368.3
-42.5°	1124.0	1230.2	1322.2	1423.6	1532.6	1666.7	1802.3	1941.1	2027.1	2099.8	2155.7
-45°	1020.5	1115.4	1201.7	1286.0	1385.4	1507.8	1631.0	1742.3	1822.8	1893.1	1947.5
-47.5°	906.1	997.7	1081.4	1156.8	1249.2	1351.3	1455.0	1547.6	1627.1	1696.6	1745.1
-50°	799.4	881.2	963.0	1039.3	1119.4	1202.0	1286.1	1367.4	1442.9	1510.3	1551.6
-52.5°	703.8	779.3	850.8	917.5	987.6	1057.4	1127.0	1201.5	1270.9	1334.7	1367.8
-55°	617.3	685.5	750.0	806.2	862.3	917.7	977.4	1046.1	1110.1	1169.2	1192.9
-57.5°	539.7	598.0	655.1	702.6	748.5	792.5	844.9	902.9	958.9	1009.6	1029.0
-60°	468.3	514.5	562.3	604.5	644.5	682.2	727.9	774.6	820.0	858.2	874.7
-62.5°	402.6	442.2	478.4	512.6	546.5	580.5	617.4	654.5	691.1	720.6	735.5
-65°	339.3	370.8	399.9	428.1	455.4	484.0	512.9	541.0	568.2	589.2	602.1
-67.5°	279.9	303.8	326.9	348.9	371.8	394.9	417.5	439.1	459.5	475.7	488.1
-70°	227.2	245.8	263.8	282.0	301.1	319.1	336.1	352.2	367.4	379.1	388.6
-72.5°	183.2	198.2	213.8	230.2	245.6	259.0	271.3	283.1	294.3	301.0	305.9
-75°	147.7	160.3	173.9	187.2	200.1	210.3	219.2	227.9	236.3	236.7	235.1
-77.5°	119.3	130.6	141.1	151.5	161.8	168.1	173.6	179.2	185.0	181.7	176.4
-80°	87.6	97.0	105.9	114.8	123.8	127.5	130.1	132.4	134.3	130.0	124.6
-82.5°	58.1	64.0	69.8	75.7	81.7	84.1	85.9	87.3	88.5	84.6	80.1
-85°	32.4	35.2	38.0	40.9	43.7	45.4	46.9	48.3	49.6	47.3	44.6
-87.5°	13.4	14.1	14.8	15.4	16.0	16.6	17.2	17.7	18.2	18.3	18.4
-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: P626850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	10.7
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°	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.0	1.2	1.4	1.3
62.5°	3.4	3.5	3.7	3.7	3.7	3.5	3.4	3.2	3.1	3.3	3.6
60°	6.6	5.8	5.6	5.6	5.6	5.8	6.6	7.1	7.4	10.8	12.7
57.5°	51.4	44.0	45.1	50.0	45.1	44.0	51.4	55.7	56.0	65.0	65.3
55°	240.1	268.1	277.9	272.5	277.9	268.1	240.1	210.6	182.4	173.7	173.7
52.5°	325.3	336.8	341.2	341.1	341.2	336.8	325.3	310.0	290.5	271.4	252.6
50°	423.6	419.7	413.7	407.8	413.7	419.7	423.6	419.2	404.6	376.2	330.7
47.5°	706.9	694.7	689.5	698.8	689.5	694.7	706.9	699.0	644.5	573.9	521.8
45°	939.4	953.7	964.5	963.9	964.5	953.7	939.4	927.3	868.3	787.4	704.4
42.5°	1071.7	1079.4	1081.6	1078.8	1081.6	1079.4	1071.7	1058.3	990.1	903.8	808.7
40°	1189.7	1198.8	1203.9	1208.6	1203.9	1198.8	1189.7	1172.1	1116.2	1035.8	946.4
37.5°	1363.6	1366.9	1359.6	1355.0	1359.6	1366.9	1363.6	1352.5	1318.9	1216.2	1143.6
35°	1790.0	1798.7	1778.5	1799.9	1778.5	1798.7	1790.0	1746.3	1694.4	1633.5	1468.0
32.5°	2199.0	2239.9	2273.0	2300.4	2273.0	2239.9	2199.0	2157.2	2122.1	2004.6	1788.3
30°	2430.6	2457.0	2471.2	2474.6	2471.2	2457.0	2430.6	2398.1	2351.5	2201.3	2001.2
27.5°	2600.7	2628.4	2645.6	2658.1	2645.6	2628.4	2600.7	2570.6	2516.2	2363.0	2166.6
25°	2764.6	2789.9	2807.1	2813.8	2807.1	2789.9	2764.6	2734.0	2667.3	2537.8	2344.3
22.5°	2934.7	2952.3	2968.8	2977.0	2968.8	2952.3	2934.7	2898.9	2826.5	2723.2	2518.3
20°	3178.5	3169.0	3184.1	3179.0	3184.1	3169.0	3178.5	3123.8	3047.6	2939.9	2742.0
17.5°	3675.5	3680.6	3690.7	3707.3	3690.7	3680.6	3675.5	3602.8	3509.7	3412.5	3137.2
15°	4300.4	4313.0	4376.9	4433.9	4376.9	4313.0	4300.4	4230.1	4071.6	3931.3	3617.2
12.5°	4571.5	4615.0	4621.8	4637.8	4621.8	4615.0	4571.5	4472.4	4365.6	4186.7	3901.7
10°	4662.0	4737.3	4735.7	4754.6	4735.7	4737.3	4662.0	4575.8	4488.6	4336.0	4037.5
7.5°	4730.6	4811.6	4845.8	4860.3	4845.8	4811.6	4730.6	4672.2	4586.1	4438.2	4133.1
5°	4814.4	4858.9	4918.0	4901.1	4918.0	4858.9	4814.4	4741.1	4632.3	4475.1	4196.9
2.5°	4849.6	4919.3	4903.2	4919.6	4903.2	4919.3	4849.6	4750.6	4650.6	4524.1	4280.7
0°	4873.3	4923.3	4930.7	4947.4	4930.7	4923.3	4873.3	4775.0	4673.1	4550.7	4304.2
-2.5°	4844.5	4888.5	4965.7	4941.8	4965.7	4888.5	4844.5	4754.3	4657.4	4534.0	4312.1
-5°	4819.3	4927.8	4885.6	4938.1	4885.6	4927.8	4819.3	4723.3	4626.9	4493.4	4261.4
-7.5°	4806.3	4825.6	4853.6	4893.6	4853.6	4825.6	4806.3	4697.0	4591.5	4450.8	4215.8
-10°	4705.7	4725.5	4776.8	4804.7	4776.8	4725.5	4705.7	4655.7	4532.6	4383.2	4158.3
-12.5°	4596.6	4635.0	4688.8	4706.4	4688.8	4635.0	4596.6	4541.1	4453.2	4290.1	4066.6
-15°	4470.9	4527.9	4580.5	4591.5	4580.5	4527.9	4470.9	4405.3	4308.2	4175.6	3956.0
-17.5°	4311.1	4379.4	4434.7	4446.9	4434.7	4379.4	4311.1	4237.6	4142.2	4023.7	3844.7
-20°	4134.9	4200.4	4247.4	4261.5	4247.4	4200.4	4134.9	4058.1	3967.9	3854.1	3685.4



REPORT NUMBER: P626850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3946.4	4005.3	4045.0	4039.1	4045.0	4005.3	3946.4	3870.0	3786.7	3683.1	3501.7
-25°	3746.2	3800.9	3838.7	3833.4	3838.7	3800.9	3746.2	3679.5	3596.9	3486.8	3324.4
-27.5°	3534.5	3586.4	3622.8	3623.9	3622.8	3586.4	3534.5	3470.4	3387.3	3276.3	3137.7
-30°	3312.2	3359.2	3388.7	3377.4	3388.7	3359.2	3312.2	3250.0	3172.8	3065.0	2918.7
-32.5°	3082.8	3125.4	3152.4	3160.5	3152.4	3125.4	3082.8	3028.7	2963.7	2864.9	2708.7
-35°	2856.5	2894.1	2917.5	2923.2	2917.5	2894.1	2856.5	2807.2	2743.8	2665.6	2511.3
-37.5°	2631.8	2664.1	2680.4	2673.0	2680.4	2664.1	2631.8	2586.3	2529.2	2462.0	2328.7
-40°	2409.6	2440.4	2459.1	2463.5	2459.1	2440.4	2409.6	2368.3	2315.3	2249.8	2142.8
-42.5°	2191.2	2216.8	2233.2	2241.1	2233.2	2216.8	2191.2	2155.7	2099.8	2027.1	1941.1
-45°	1979.2	2002.1	2017.5	2026.0	2017.5	2002.1	1979.2	1947.5	1893.1	1822.8	1742.3
-47.5°	1773.0	1793.1	1806.4	1812.9	1806.4	1793.1	1773.0	1745.1	1696.6	1627.1	1547.6
-50°	1575.8	1593.1	1605.5	1612.7	1605.5	1593.1	1575.8	1551.6	1510.3	1442.9	1367.4
-52.5°	1388.8	1403.9	1414.5	1419.9	1414.5	1403.9	1388.8	1367.8	1334.7	1270.9	1201.5
-55°	1210.2	1222.5	1232.3	1238.2	1232.3	1222.5	1210.2	1192.9	1169.2	1110.1	1046.1
-57.5°	1043.7	1053.7	1063.0	1069.6	1063.0	1053.7	1043.7	1029.0	1009.6	958.9	902.9
-60°	887.8	897.3	905.1	910.1	905.1	897.3	887.8	874.7	858.2	820.0	774.6
-62.5°	747.1	755.5	762.7	767.4	762.7	755.5	747.1	735.5	720.6	691.1	654.5
-65°	612.3	619.8	625.2	628.4	625.2	619.8	612.3	602.1	589.2	568.2	541.0
-67.5°	498.6	507.2	509.0	507.9	509.0	507.2	498.6	488.1	475.7	459.5	439.1
-70°	397.1	404.5	406.2	406.0	406.2	404.5	397.1	388.6	379.1	367.4	352.2
-72.5°	310.5	314.5	311.1	305.9	311.1	314.5	310.5	305.9	301.0	294.3	283.1
-75°	233.0	230.4	226.8	222.4	226.8	230.4	233.0	235.1	236.7	236.3	227.9
-77.5°	170.7	164.4	160.2	155.7	160.2	164.4	170.7	176.4	181.7	185.0	179.2
-80°	118.8	112.7	108.4	103.8	108.4	112.7	118.8	124.6	130.0	134.3	132.4
-82.5°	75.2	70.1	67.6	64.9	67.6	70.1	75.2	80.1	84.6	88.5	87.3
-85°	41.8	38.8	37.0	35.2	37.0	38.8	41.8	44.6	47.3	49.6	48.3
-87.5°	18.4	18.5	17.6	16.7	17.6	18.5	18.4	18.4	18.3	18.2	17.7
-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: P626850 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	10.2	9.8	9.3	8.8	8.4	7.9	7.4	7.0	6.5	6.1	5.6
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	0.1	0.0	0.0	0.0	0.2	0.2	0.1	0.0	0.2
67.5°	0.0	0.0	0.3	0.8	1.0	1.0	0.9	1.0	1.1	1.0	1.0
65°	1.1	0.7	0.5	0.9	1.4	1.9	2.0	1.8	1.7	2.0	2.3
62.5°	3.8	3.9	3.4	2.8	2.5	2.7	3.0	3.2	2.8	2.2	2.9
60°	11.2	6.8	9.9	10.6	8.4	7.3	11.0	10.4	5.5	4.7	4.2
57.5°	53.8	45.0	49.4	44.9	30.7	26.8	27.8	26.5	24.0	14.7	6.3
55°	185.3	158.8	124.8	107.8	103.8	79.4	59.2	49.4	44.8	32.3	21.4
52.5°	235.5	218.9	193.1	157.6	138.6	131.5	112.4	90.0	71.5	57.2	41.1
50°	295.2	299.6	273.2	224.0	204.6	183.5	165.0	139.0	115.6	92.7	68.5
47.5°	481.6	448.6	422.1	385.4	315.7	271.2	242.0	199.4	167.3	139.6	109.7
45°	642.1	604.4	578.4	521.5	447.5	378.7	332.7	279.3	222.5	185.4	158.3
42.5°	756.2	707.3	664.7	618.2	547.5	469.9	406.9	354.0	294.3	234.2	198.1
40°	867.7	790.3	748.0	706.5	639.8	552.7	503.6	426.0	363.6	297.0	247.7
37.5°	1034.1	902.4	887.5	847.5	772.1	681.5	626.2	549.7	434.0	371.2	314.4
35°	1315.3	1179.7	1101.3	1062.1	964.3	848.9	758.0	686.5	571.6	448.1	382.6
32.5°	1625.3	1453.5	1334.6	1278.6	1173.7	1017.1	904.9	814.0	698.7	558.9	454.0
30°	1800.2	1643.6	1500.4	1404.7	1302.7	1168.1	1039.3	911.0	785.9	670.1	531.3
27.5°	1963.0	1767.8	1613.4	1505.3	1409.9	1280.5	1138.0	1000.4	863.0	748.6	624.7
25°	2118.2	1901.8	1733.6	1606.7	1495.6	1393.2	1232.2	1081.8	938.4	812.1	715.2
22.5°	2262.7	2061.9	1868.0	1702.1	1608.0	1498.0	1339.3	1157.2	1017.1	910.8	796.8
20°	2500.7	2275.9	2030.4	1886.9	1799.4	1629.5	1449.8	1269.8	1141.1	1019.4	885.3
17.5°	2893.1	2612.5	2319.0	2165.3	2041.4	1833.0	1604.1	1425.5	1264.8	1129.2	981.7
15°	3322.6	2961.5	2670.7	2472.1	2275.8	2031.7	1766.8	1573.8	1391.3	1238.7	1070.1
12.5°	3534.9	3191.1	2933.8	2654.0	2400.8	2179.6	1929.0	1716.1	1509.0	1310.1	1124.9
10°	3661.6	3319.9	3028.9	2749.6	2495.8	2283.0	2050.2	1798.0	1567.9	1357.5	1170.5
7.5°	3760.1	3408.1	3098.2	2820.1	2562.9	2338.4	2115.6	1851.3	1615.0	1395.7	1207.2
5°	3828.3	3476.8	3162.6	2881.4	2610.7	2378.2	2164.2	1891.6	1650.1	1424.7	1235.0
2.5°	3898.6	3530.1	3202.8	2921.0	2641.1	2403.4	2193.6	1922.3	1678.6	1446.2	1258.2
0°	3926.0	3560.9	3230.9	2941.7	2658.1	2413.5	2202.1	1942.6	1697.9	1458.8	1273.5
-2.5°	3943.7	3571.0	3241.9	2955.2	2680.7	2429.3	2211.7	1965.4	1704.0	1472.4	1277.7
-5°	3916.9	3559.1	3232.7	2944.1	2681.1	2430.5	2205.0	1968.7	1702.5	1476.0	1274.4
-7.5°	3884.0	3527.7	3197.6	2914.5	2661.8	2413.8	2185.1	1954.0	1696.7	1470.1	1268.1
-10°	3828.5	3477.6	3163.4	2883.7	2627.8	2378.1	2156.1	1926.1	1677.7	1453.3	1253.4
-12.5°	3754.4	3414.4	3104.1	2827.5	2582.1	2341.3	2123.9	1887.4	1645.4	1425.2	1230.1
-15°	3656.5	3331.7	3030.7	2761.1	2523.6	2293.5	2076.2	1844.6	1613.9	1390.7	1198.2
-17.5°	3549.3	3222.6	2926.2	2672.1	2446.9	2228.8	2015.6	1799.7	1577.5	1358.3	1169.4
-20°	3427.7	3106.9	2813.2	2566.9	2354.4	2147.8	1950.6	1749.5	1527.1	1321.0	1139.1



REPORT NUMBER: P626850 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3252.7	2969.3	2700.0	2458.5	2255.5	2066.3	1876.4	1681.9	1461.7	1274.3	1098.0
-25°	3079.7	2816.2	2574.1	2352.3	2156.1	1976.3	1791.7	1598.9	1403.5	1219.5	1047.7
-27.5°	2910.4	2666.3	2425.2	2225.7	2049.5	1873.9	1700.4	1518.0	1338.2	1157.8	1000.4
-30°	2727.6	2499.4	2281.9	2094.6	1927.9	1765.5	1609.4	1439.1	1262.2	1091.0	949.4
-32.5°	2526.9	2326.5	2134.9	1958.6	1802.7	1658.8	1510.7	1349.3	1174.4	1028.5	890.4
-35°	2332.0	2147.1	1981.7	1826.2	1684.7	1553.1	1409.7	1248.0	1094.5	957.5	823.7
-37.5°	2157.6	1977.5	1824.4	1690.4	1572.2	1447.4	1304.4	1161.0	1016.6	878.5	761.8
-40°	1977.2	1809.1	1673.1	1564.2	1451.1	1338.7	1212.9	1079.5	937.0	802.1	701.0
-42.5°	1802.3	1666.7	1532.6	1423.6	1322.2	1230.2	1124.0	989.4	858.4	741.3	644.0
-45°	1631.0	1507.8	1385.4	1286.0	1201.7	1115.4	1020.5	898.1	780.6	680.0	588.2
-47.5°	1455.0	1351.3	1249.2	1156.8	1081.4	997.7	906.1	802.4	706.0	615.4	534.1
-50°	1286.1	1202.0	1119.4	1039.3	963.0	881.2	799.4	715.7	629.7	550.7	476.9
-52.5°	1127.0	1057.4	987.6	917.5	850.8	779.3	703.8	629.3	553.7	487.7	421.8
-55°	977.4	917.7	862.3	806.2	750.0	685.5	617.3	550.3	489.9	429.2	375.6
-57.5°	844.9	792.5	748.5	702.6	655.1	598.0	539.7	483.0	432.9	382.8	333.1
-60°	727.9	682.2	644.5	604.5	562.3	514.5	468.3	423.4	380.1	339.2	296.4
-62.5°	617.4	580.5	546.5	512.6	478.4	442.2	402.6	366.4	332.9	298.4	259.7
-65°	512.9	484.0	455.4	428.1	399.9	370.8	339.3	310.7	283.3	255.3	221.8
-67.5°	417.5	394.9	371.8	348.9	326.9	303.8	279.9	256.0	233.7	210.8	183.6
-70°	336.1	319.1	301.1	282.0	263.8	245.8	227.2	207.9	187.4	168.8	150.2
-72.5°	271.3	259.0	245.6	230.2	213.8	198.2	183.2	168.1	152.6	136.6	120.4
-75°	219.2	210.3	200.1	187.2	173.9	160.3	147.7	134.7	120.5	105.1	90.0
-77.5°	173.6	168.1	161.8	151.5	141.1	130.6	119.3	105.1	90.7	76.4	64.0
-80°	130.1	127.5	123.8	114.8	105.9	97.0	87.6	75.2	62.9	51.4	42.1
-82.5°	85.9	84.1	81.7	75.7	69.8	64.0	58.1	49.5	41.3	33.5	26.7
-85°	46.9	45.4	43.7	40.9	38.0	35.2	32.4	27.7	23.2	19.1	15.4
-87.5°	17.2	16.6	16.0	15.4	14.8	14.1	13.4	12.1	10.7	9.4	8.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.1	4.7	4.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6
82.5°	0.0	0.0	0.0	0.0	0.3	0.5	0.6	0.5	0.3	0.0	0.1
80°	0.0	0.0	0.0	0.1	0.5	1.0	1.3	1.3	1.0	0.7	0.4
77.5°	0.0	0.0	0.0	0.0	0.2	0.5	1.1	1.7	1.7	1.3	0.9
75°	0.0	0.0	0.0	0.1	0.1	0.0	0.4	1.0	1.5	1.9	1.5
72.5°	0.0	0.0	0.0	0.2	0.5	0.5	0.3	0.3	1.1	1.6	1.9
70°	0.3	0.1	0.0	0.3	0.8	1.2	1.1	0.9	0.7	1.4	1.8
67.5°	0.9	1.0	0.7	0.5	0.9	1.3	1.8	1.7	1.5	1.2	1.7
65°	2.2	2.0	1.9	1.6	1.4	1.4	1.9	2.3	2.2	1.9	1.7
62.5°	3.3	3.2	3.0	2.7	2.4	2.1	2.0	2.6	2.8	2.5	2.1
60°	4.2	4.4	4.2	3.8	3.4	3.0	2.8	2.9	3.3	3.1	2.7
57.5°	5.8	5.6	5.5	5.0	4.4	4.0	3.7	3.7	3.7	3.7	3.2
55°	10.2	7.1	7.2	6.6	5.7	4.9	4.7	4.5	4.3	4.2	3.7
52.5°	25.8	14.3	9.2	8.5	7.4	6.1	5.7	5.4	5.1	4.9	4.3
50°	47.6	30.8	17.4	10.9	9.3	8.0	6.6	6.3	5.9	5.5	4.8
47.5°	76.1	52.9	34.4	17.2	12.0	10.0	8.3	7.1	6.7	6.2	5.4
45°	117.2	78.0	54.1	34.1	16.0	13.7	10.2	8.0	7.4	6.8	5.9
42.5°	163.1	114.4	75.9	51.6	30.6	19.0	12.2	9.7	8.2	7.5	6.4
40°	208.1	158.1	101.9	71.1	46.2	25.4	17.6	11.6	9.0	8.2	7.0
37.5°	257.8	204.3	142.7	92.0	62.1	38.8	24.1	13.5	10.2	9.0	7.7
35°	319.4	255.6	183.6	122.6	82.2	51.2	31.3	17.1	12.5	9.8	8.4
32.5°	380.9	306.8	227.7	158.1	103.3	62.7	40.7	24.5	15.3	10.7	9.0
30°	442.7	353.7	269.3	191.0	127.5	81.1	50.9	31.6	18.4	11.6	9.7
27.5°	498.5	398.0	308.3	225.4	155.9	100.5	61.5	38.5	21.9	13.1	10.5
25°	561.4	445.8	346.6	258.3	181.9	120.7	72.4	45.3	27.0	15.8	11.2
22.5°	642.4	495.0	382.1	288.0	207.6	140.1	86.4	54.2	32.5	18.6	11.9
20°	722.9	543.0	416.9	325.4	235.6	161.9	102.6	63.0	37.8	21.6	12.6
17.5°	801.9	604.5	467.5	363.5	265.5	182.2	117.7	71.8	42.8	24.6	13.4
15°	872.7	675.0	517.2	399.6	294.8	201.1	131.7	80.2	47.5	27.6	14.3
12.5°	932.2	735.8	564.1	433.3	323.1	218.3	144.5	88.3	51.8	30.9	15.6
10°	981.4	787.2	607.5	464.5	349.7	233.8	156.0	96.5	56.9	34.4	16.9
7.5°	1020.6	829.6	647.1	492.8	374.0	248.2	168.4	105.0	61.8	37.8	18.3
5°	1050.2	862.8	677.6	513.1	393.2	261.5	179.8	112.9	66.3	40.9	19.7
2.5°	1069.4	887.1	700.3	529.1	408.9	272.7	189.8	119.9	70.4	43.8	21.0
0°	1080.7	904.6	717.4	541.3	420.8	281.8	198.3	126.0	74.1	46.3	22.2
-2.5°	1090.8	916.0	732.3	562.6	429.0	296.7	203.8	131.5	80.0	48.2	24.5
-5°	1094.1	921.0	742.1	579.0	434.0	308.7	207.6	136.1	85.1	49.6	26.6
-7.5°	1088.5	918.0	745.5	588.4	436.3	317.2	209.8	139.6	89.3	50.8	28.4
-10°	1075.9	908.1	741.0	585.5	439.4	319.9	211.1	142.2	92.3	51.7	29.9
-12.5°	1057.4	893.1	731.3	579.3	438.9	318.2	214.6	144.2	93.9	52.3	31.0
-15°	1033.0	873.5	716.4	570.1	433.6	314.3	215.5	145.0	93.8	53.4	31.7
-17.5°	1004.4	849.6	696.4	558.4	423.3	308.6	213.5	144.1	92.8	55.0	32.4
-20°	975.7	823.2	672.7	544.6	407.8	301.1	208.6	141.4	91.1	56.0	33.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626850 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	942.0	792.8	652.3	525.3	391.1	292.0	200.5	136.9	88.7	56.5	33.3
-25°	903.3	757.3	627.7	498.8	377.8	281.8	192.1	130.5	85.5	56.3	33.2
-27.5°	859.6	719.5	598.7	469.8	364.1	267.6	184.1	125.8	82.9	55.5	32.7
-30°	810.8	683.8	564.1	441.8	347.3	252.2	173.7	120.6	81.6	54.4	31.8
-32.5°	758.3	643.6	526.9	420.5	328.1	236.2	164.5	114.6	79.6	53.1	31.8
-35°	709.0	599.9	488.9	395.9	307.9	226.7	158.4	108.0	76.7	51.2	32.0
-37.5°	656.2	554.1	458.8	370.3	286.6	215.9	153.4	105.1	73.0	48.9	31.9
-40°	605.4	510.6	423.9	345.9	270.8	203.6	145.6	101.8	69.4	46.0	31.5
-42.5°	554.0	469.7	390.6	319.4	255.9	191.8	135.5	96.7	66.5	44.3	30.8
-45°	506.7	427.5	355.2	296.2	239.4	176.6	127.8	90.4	63.0	43.2	30.1
-47.5°	456.9	384.6	322.8	270.8	217.7	160.1	118.0	85.4	58.7	41.6	29.7
-50°	405.6	343.9	292.5	243.0	191.3	146.4	107.5	79.4	57.2	40.4	28.9
-52.5°	360.7	308.1	261.5	214.3	171.3	130.3	99.6	73.0	55.2	39.4	27.9
-55°	322.0	274.1	231.0	190.8	152.2	118.5	90.5	70.0	52.7	38.1	26.6
-57.5°	287.8	242.6	206.0	169.9	136.3	107.1	84.2	66.4	50.1	36.3	25.5
-60°	254.5	217.5	183.2	151.0	121.5	97.2	79.3	62.2	47.0	34.0	24.3
-62.5°	223.8	191.2	161.4	132.3	108.2	89.3	73.6	57.4	43.3	31.2	22.6
-65°	191.6	163.8	138.6	115.8	96.2	79.9	66.3	51.9	38.4	27.8	20.5
-67.5°	158.1	137.7	118.1	99.0	83.0	69.3	57.9	44.6	32.7	23.9	18.0
-70°	131.7	113.7	97.1	82.1	69.0	57.9	47.3	36.1	26.4	20.4	15.3
-72.5°	104.8	90.2	76.5	64.6	55.3	45.8	36.2	27.6	21.9	16.8	12.5
-75°	77.6	67.7	58.8	50.5	42.1	33.9	27.6	21.9	17.2	13.1	10.6
-77.5°	56.3	49.1	42.6	37.4	31.6	26.1	20.8	16.1	13.0	10.9	8.9
-80°	38.2	34.5	30.9	27.2	22.5	18.1	15.0	12.4	10.5	8.8	7.2
-82.5°	24.1	22.1	20.3	18.4	15.7	13.3	11.1	9.3	7.9	6.6	5.8
-85°	14.3	13.2	12.2	11.2	9.7	8.3	7.7	7.1	6.5	5.9	5.3
-87.5°	8.1	8.0	7.9	7.7	7.3	7.0	6.6	6.4	5.8	5.3	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4

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CATALOG NUMBER: GFLD-SA2B-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.7	3.3	2.8	2.3	1.9	1.9	1.9
87.5°	1.4	1.6	1.7	1.8	1.9	1.9	1.9
85°	0.9	1.3	1.6	1.8	1.9	1.9	1.9
82.5°	0.4	1.0	1.4	1.7	1.9	1.9	1.9
80°	0.1	0.7	1.3	1.7	1.9	1.9	1.9
77.5°	0.6	0.6	1.1	1.6	1.9	1.9	1.9
75°	1.1	0.9	1.0	1.6	1.9	1.9	1.9
72.5°	1.5	1.2	1.2	1.5	1.9	1.9	1.9
70°	1.9	1.5	1.4	1.5	1.9	1.9	1.9
67.5°	2.0	1.8	1.5	1.6	1.9	1.9	1.9
65°	2.0	2.0	1.7	1.6	1.9	1.9	1.9
62.5°	2.1	2.1	1.8	1.7	1.9	1.9	1.9
60°	2.2	2.3	1.9	1.8	1.9	1.9	1.9
57.5°	2.7	2.4	2.1	1.8	1.9	1.9	1.9
55°	3.1	2.6	2.2	1.8	1.9	1.9	1.9
52.5°	3.6	2.9	2.4	1.9	2.0	1.9	1.9
50°	4.0	3.2	2.6	1.9	2.0	1.9	1.9
47.5°	4.5	3.6	2.8	1.9	2.1	1.9	1.9
45°	4.9	4.0	3.1	2.1	2.1	1.9	1.9
42.5°	5.3	4.3	3.3	2.3	2.2	1.9	1.9
40°	5.8	4.7	3.5	2.5	2.2	1.9	1.9
37.5°	6.2	5.0	3.8	2.7	2.3	1.9	1.9
35°	6.5	5.3	4.1	3.0	2.4	1.9	1.9
32.5°	7.0	5.6	4.3	3.2	2.5	1.9	1.9
30°	7.5	5.9	4.6	3.4	2.6	1.9	1.9
27.5°	8.1	6.2	4.9	3.7	2.6	1.9	1.9
25°	8.6	6.5	5.2	3.9	2.7	1.9	1.9
22.5°	9.1	6.8	5.4	4.1	2.8	1.9	1.9
20°	9.7	7.1	5.7	4.3	2.9	1.9	1.9
17.5°	10.2	7.4	6.0	4.5	3.0	1.9	1.9
15°	10.7	7.7	6.2	4.7	3.1	1.9	1.9
12.5°	11.2	8.0	6.4	4.8	3.2	1.9	1.9
10°	11.6	8.3	6.7	5.0	3.3	1.9	1.9
7.5°	12.0	8.6	6.9	5.2	3.4	1.9	1.9
5°	12.4	8.8	7.1	5.3	3.5	1.9	1.9
2.5°	12.7	9.1	7.2	5.5	3.6	1.9	1.9
0°	13.0	9.3	7.4	5.6	3.7	1.9	1.9
-2.5°	13.7	9.5	7.6	5.6	3.7	1.9	1.9
-5°	14.4	9.7	7.7	5.6	3.7	1.9	1.9
-7.5°	14.9	9.8	7.8	5.6	3.7	1.9	1.9
-10°	15.4	10.0	7.9	5.5	3.6	1.9	1.9
-12.5°	15.8	10.1	8.0	5.5	3.6	1.9	1.9
-15°	16.0	10.2	8.0	5.4	3.6	1.9	1.9
-17.5°	16.1	10.2	8.0	5.3	3.5	1.9	1.9
-20°	16.5	10.3	8.0	5.3	3.5	1.9	1.9

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.5	10.3	7.9	5.2	3.4	1.9	1.9
-25°	18.4	11.0	7.7	5.1	3.4	1.9	1.9
-27.5°	19.1	11.9	7.5	5.0	3.3	1.9	1.9
-30°	19.5	12.6	7.4	4.8	3.2	1.9	1.9
-32.5°	19.8	13.3	7.6	4.7	3.1	1.9	1.9
-35°	20.3	13.8	7.8	4.6	3.0	1.9	1.9
-37.5°	20.9	14.1	8.0	4.4	3.0	1.9	1.9
-40°	21.2	14.2	8.0	4.3	2.9	1.9	1.9
-42.5°	21.3	14.2	8.1	4.2	2.8	1.9	1.9
-45°	21.2	14.1	8.1	4.2	2.6	1.9	1.9
-47.5°	20.9	13.9	8.0	4.2	2.5	1.9	1.9
-50°	20.5	13.5	7.9	4.1	2.4	1.9	1.9
-52.5°	19.9	13.1	7.6	4.0	2.3	1.9	1.9
-55°	19.2	12.6	7.3	3.9	2.2	1.9	1.9
-57.5°	18.3	11.9	6.9	3.8	2.0	1.9	1.9
-60°	17.3	11.1	6.4	3.6	1.9	1.9	1.9
-62.5°	15.9	10.1	6.1	3.4	1.9	1.9	1.9
-65°	14.3	9.1	5.7	3.2	1.9	1.9	1.9
-67.5°	12.6	8.1	5.2	3.0	1.9	1.9	1.9
-70°	10.7	7.4	4.8	2.7	1.9	1.9	1.9
-72.5°	9.5	6.6	4.3	2.7	1.9	1.9	1.9
-75°	8.3	5.8	3.7	2.6	1.9	1.9	1.9
-77.5°	7.0	4.9	3.5	2.6	1.9	1.9	1.9
-80°	5.7	4.4	3.4	2.6	1.9	1.9	1.9
-82.5°	5.1	4.1	3.3	2.5	1.9	1.9	1.9
-85°	4.7	3.9	3.1	2.5	1.9	1.9	1.9
-87.5°	4.2	3.6	3.0	2.4	1.9	1.9	1.9
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9

(END OF REPORT)