

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: P627252 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627252 (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-SA3E-722-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

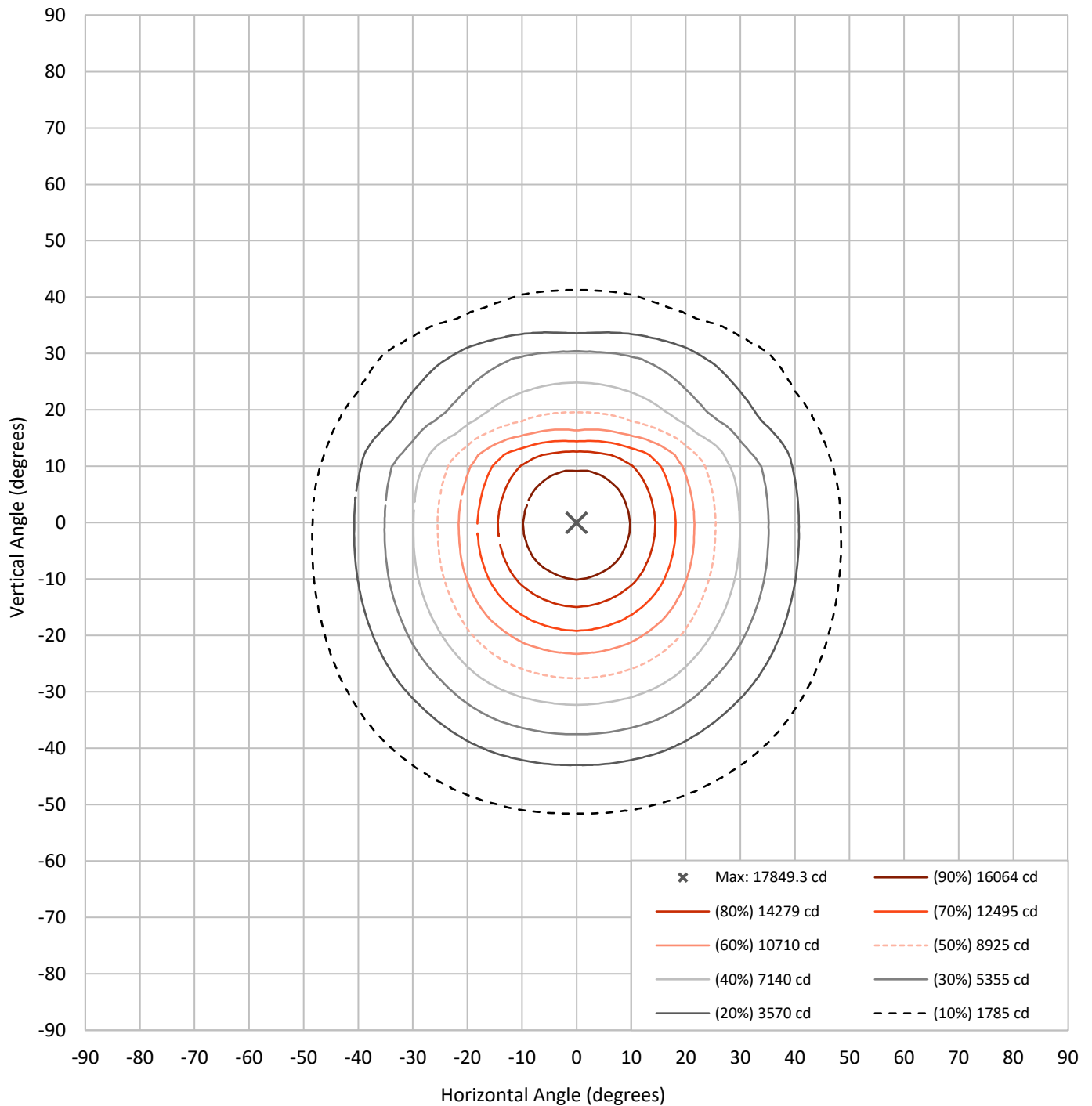
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15746.9 lumens	Max Intensity:	17849.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	7581.4 lumens	Field Lumens:	14098.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	185.2		
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		



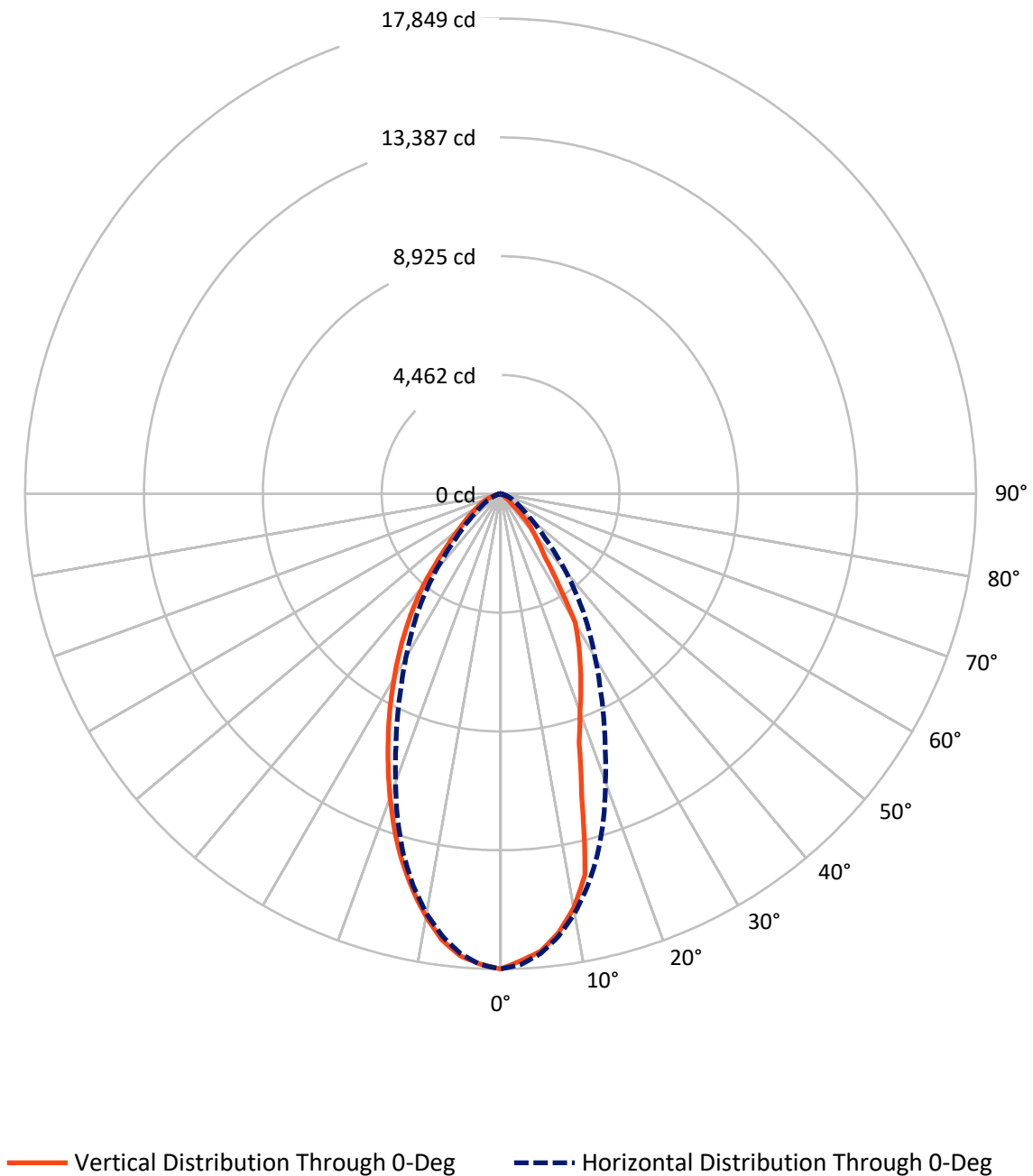
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Iso-Candela Plot



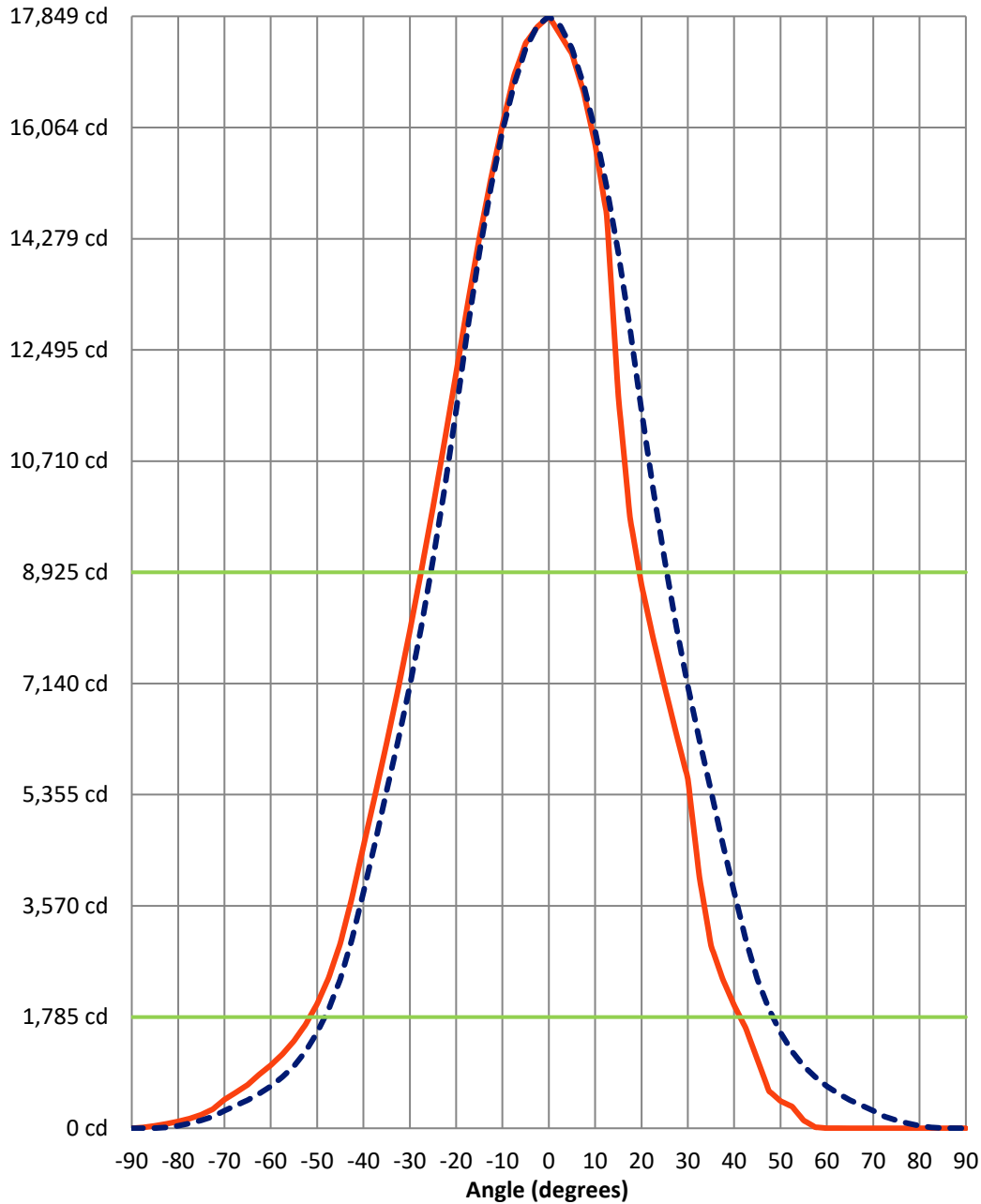
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 7581.4
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 14098.8
 Efficiency: 89.5%

Spill:
 Lumens: 1648.1
 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	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
82.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.3	1.3
80°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.3	1.3	1.3	1.3
77.5°	0.0	0.3	0.6	0.8	1.1	1.3	1.3	1.3	1.3	1.3	1.3
75°	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	0.0	0.4	0.8	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	0.0	0.4	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
67.5°	0.0	0.5	1.0	1.3	1.3	1.3	1.4	1.3	1.3	1.7	1.6
65°	0.0	0.5	1.1	1.3	1.3	1.4	1.6	1.3	1.8	2.1	2.5
62.5°	0.0	0.6	1.2	1.3	1.3	1.7	1.8	1.8	2.4	3.4	5.3
60°	0.0	0.6	1.3	1.3	1.3	2.1	2.0	2.4	3.1	8.4	9.1
57.5°	0.0	0.7	1.3	1.3	1.7	2.4	3.5	3.3	8.3	14.2	15.6
55°	0.0	0.7	1.3	1.3	2.0	2.8	5.3	4.8	15.2	21.5	24.2
52.5°	0.0	0.8	1.4	1.3	2.4	3.5	7.4	12.0	22.8	31.8	34.3
50°	0.0	0.8	1.4	1.3	2.9	5.7	9.7	19.8	31.8	43.3	52.4
47.5°	0.0	0.9	1.4	1.4	3.3	8.1	13.0	27.7	43.7	56.0	71.1
45°	0.0	0.9	1.4	1.7	3.8	10.6	19.9	35.7	55.6	72.5	89.5
42.5°	0.0	1.0	1.5	2.1	4.2	13.3	26.7	45.1	67.4	88.9	110.0
40°	0.0	1.0	1.5	2.5	5.6	16.0	33.6	55.4	79.8	104.8	131.4
37.5°	0.0	1.0	1.6	3.1	7.7	19.0	40.4	65.6	93.2	121.3	153.3
35°	0.0	1.1	1.6	3.7	10.0	23.6	47.1	75.6	106.6	140.8	177.1
32.5°	0.0	1.1	1.7	4.3	12.2	28.9	54.2	85.5	120.1	161.0	203.9
30°	0.0	1.1	1.7	5.0	14.4	34.1	62.2	95.5	133.6	181.5	230.8
27.5°	0.0	1.2	1.8	5.7	17.0	39.1	69.9	106.5	148.3	202.4	257.9
25°	0.0	1.2	1.9	6.5	19.6	44.0	77.4	117.2	165.3	224.6	284.9
22.5°	0.0	1.2	1.9	7.2	22.1	48.7	84.5	127.6	182.2	247.1	312.4
20°	0.0	1.2	2.0	8.0	24.5	53.3	91.3	137.7	198.7	269.1	338.5
17.5°	0.0	1.2	2.1	8.8	26.8	57.6	97.6	147.4	214.9	290.4	363.3
15°	0.0	1.3	2.1	9.7	29.0	61.6	103.4	156.0	230.4	311.0	386.7
12.5°	0.0	1.3	2.2	10.5	31.2	65.3	108.7	163.2	243.4	330.7	408.5
10°	0.0	1.3	2.3	11.2	33.1	68.8	113.5	169.7	253.7	342.3	425.7
7.5°	0.0	1.3	2.3	12.0	35.0	71.8	117.8	175.3	262.8	351.2	434.7
5°	0.0	1.3	2.4	12.7	36.7	74.6	121.6	180.1	270.5	358.2	441.9
2.5°	0.0	1.3	2.4	13.4	38.2	77.0	124.8	184.2	276.9	363.5	447.5
0°	0.0	1.3	2.5	14.0	39.5	79.0	127.5	187.4	281.8	367.2	451.3
-2.5°	0.0	1.4	2.9	14.9	41.3	81.5	131.0	192.8	287.3	372.5	457.3
-5°	0.0	1.5	3.3	15.7	42.9	83.6	133.8	197.3	291.3	376.3	461.6
-7.5°	0.0	1.5	3.6	16.4	44.3	85.3	136.1	200.9	293.9	378.7	464.1
-10°	0.0	1.6	4.0	17.1	45.4	86.6	137.7	203.4	295.0	379.6	464.9
-12.5°	0.0	1.7	4.3	17.6	46.2	87.4	138.7	204.8	294.6	379.0	462.7
-15°	0.0	1.7	4.7	18.1	46.8	87.8	139.0	205.1	292.5	375.7	458.2
-17.5°	0.0	1.8	5.0	18.4	47.0	87.8	138.6	204.7	288.7	371.2	452.0
-20°	0.0	1.8	5.2	18.7	47.0	87.3	138.2	203.8	284.0	365.6	444.1

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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	1.9	5.5	18.8	46.6	86.3	138.3	201.9	278.4	359.0	434.4
-25°	0.0	1.9	5.7	18.8	45.9	86.0	137.6	199.2	272.0	351.3	423.1
-27.5°	0.0	1.9	5.8	18.6	44.8	85.7	136.3	195.7	264.9	342.5	412.6
-30°	0.0	1.9	6.0	18.4	43.5	84.7	134.3	191.4	258.7	332.6	401.4
-32.5°	0.0	2.0	6.1	18.0	43.0	83.3	131.6	187.8	252.5	322.2	389.4
-35°	0.0	2.0	6.2	17.5	42.1	81.3	129.1	183.9	245.5	311.5	376.6
-37.5°	0.0	1.9	6.2	16.8	40.8	79.1	126.1	179.1	237.7	300.5	361.6
-40°	0.0	1.9	6.2	16.0	39.2	77.2	122.5	173.6	229.1	290.2	345.5
-42.5°	0.0	1.9	6.1	15.3	38.0	74.7	118.2	167.3	221.1	276.8	328.4
-45°	0.0	1.9	6.0	14.7	37.3	71.8	113.1	160.7	213.0	262.5	310.7
-47.5°	0.0	1.8	5.9	13.9	36.1	68.4	107.4	153.9	203.8	247.7	294.2
-50°	0.0	1.8	5.7	13.7	34.6	64.5	102.4	146.3	191.9	234.2	277.3
-52.5°	0.0	1.7	5.5	13.5	32.7	60.2	97.0	137.9	179.9	220.1	260.1
-55°	0.0	1.6	5.2	13.1	30.5	56.6	91.0	129.0	167.6	205.5	243.8
-57.5°	0.0	1.6	4.9	12.6	27.8	52.8	84.5	121.0	154.7	190.7	227.0
-60°	0.0	1.5	4.6	11.9	25.0	48.4	77.4	111.3	141.4	175.3	209.7
-62.5°	0.0	1.4	4.3	11.1	23.2	43.6	70.7	100.6	128.3	159.4	191.8
-65°	0.0	1.3	4.0	10.1	21.2	38.2	63.2	89.4	114.3	142.5	173.2
-67.5°	0.0	1.2	3.7	9.0	19.0	33.5	55.1	78.1	99.6	124.8	152.7
-70°	0.0	1.1	3.3	7.7	16.5	29.4	46.5	66.4	85.6	106.1	130.5
-72.5°	0.0	0.9	3.0	6.8	13.9	24.9	39.5	54.3	71.3	89.3	108.2
-75°	0.0	0.8	2.6	6.0	11.0	20.2	32.4	44.3	56.5	72.0	88.3
-77.5°	0.0	0.7	2.2	5.0	9.1	15.2	25.0	34.8	44.9	55.5	67.9
-80°	0.0	0.6	1.7	4.1	7.4	11.6	17.3	25.2	33.4	42.1	51.2
-82.5°	0.0	0.4	1.3	3.1	5.6	8.8	12.7	16.8	21.7	28.4	35.4
-85°	0.0	0.3	0.9	2.1	3.7	5.9	8.6	11.3	14.3	17.7	21.5
-87.5°	0.0	0.1	0.4	1.0	1.9	3.0	4.3	5.7	7.2	8.9	10.8
-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: P627252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-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°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1
67.5°	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.0	0.7
65°	1.3	1.3	1.8	1.9	1.4	1.3	1.3	1.3	1.4	1.2	1.2
62.5°	1.9	2.3	2.9	4.5	3.3	1.3	2.5	2.9	2.0	1.6	1.7
60°	5.6	3.8	9.8	13.6	8.9	4.7	5.8	11.6	9.5	2.5	6.7
57.5°	11.3	13.9	24.7	25.9	19.9	13.4	29.5	32.7	27.1	17.0	24.5
55°	23.4	32.9	41.7	41.2	41.4	52.0	61.2	60.1	52.9	73.1	92.0
52.5°	44.4	54.2	60.0	65.4	80.3	90.2	93.0	98.6	119.4	144.3	148.8
50°	65.1	75.3	82.9	102.3	117.5	125.4	132.6	151.7	183.1	200.2	202.9
47.5°	86.2	97.5	117.5	138.7	153.5	165.3	177.9	221.2	256.2	270.8	276.1
45°	108.1	127.7	152.7	174.5	191.6	207.6	248.6	307.7	332.3	354.6	411.3
42.5°	130.9	160.4	188.6	211.5	230.7	264.1	321.2	378.4	413.7	461.1	529.6
40°	159.9	193.1	225.7	248.9	272.9	323.6	394.3	454.8	492.2	555.8	633.8
37.5°	189.4	228.2	263.4	287.9	321.7	390.3	473.3	545.8	592.1	643.9	769.3
35°	218.5	264.0	300.1	332.9	374.7	469.2	571.5	652.2	709.5	798.2	956.8
32.5°	249.6	300.4	337.4	382.1	450.7	556.4	682.1	771.7	866.7	994.2	1248.3
30°	282.7	334.6	377.0	430.7	522.7	646.1	792.0	904.5	1033.5	1240.6	1514.6
27.5°	315.7	368.5	420.9	489.2	590.2	723.5	875.9	1053.3	1220.0	1451.6	1751.1
25°	347.4	403.2	463.9	546.5	655.7	795.2	961.5	1166.3	1383.8	1648.8	2000.4
22.5°	377.7	438.4	509.4	598.1	710.9	863.3	1061.6	1302.1	1563.5	1838.0	2242.0
20°	407.4	477.7	559.2	658.5	761.8	926.1	1159.5	1450.7	1778.4	2154.3	2550.2
17.5°	436.7	516.5	610.6	721.0	846.1	1014.3	1259.8	1606.6	2005.4	2494.6	2982.1
15°	465.4	554.5	660.3	782.7	931.2	1132.2	1411.1	1792.2	2274.0	2859.8	3437.4
12.5°	493.3	591.4	708.0	843.0	1013.7	1243.1	1553.6	1964.8	2516.8	3216.7	3926.2
10°	520.0	626.8	753.3	901.2	1092.8	1346.4	1679.7	2114.1	2700.0	3421.4	4210.4
7.5°	533.5	650.8	792.0	956.5	1167.4	1441.2	1789.3	2240.2	2843.1	3585.9	4377.1
5°	543.3	661.8	806.5	978.7	1208.4	1505.7	1873.2	2343.4	2948.7	3709.7	4490.0
2.5°	550.7	669.6	817.1	991.1	1224.6	1527.2	1900.9	2379.4	3005.2	3774.3	4555.7
0°	555.9	674.4	823.6	998.3	1232.9	1537.6	1913.7	2394.4	3029.3	3789.1	4579.6
-2.5°	561.4	681.0	830.5	1009.4	1244.6	1551.8	1927.8	2405.0	3047.3	3793.3	4592.5
-5°	564.5	684.6	833.2	1014.7	1248.4	1554.4	1926.8	2394.8	3033.0	3763.5	4564.4
-7.5°	565.4	685.0	831.7	1013.7	1243.6	1542.4	1906.4	2365.0	2983.5	3703.3	4495.5
-10°	564.0	682.0	826.2	1004.5	1229.6	1517.3	1870.0	2313.2	2902.2	3603.8	4379.1
-12.5°	559.9	675.6	816.4	989.5	1207.0	1481.7	1818.7	2239.4	2789.4	3465.5	4214.9
-15°	553.2	666.1	802.2	968.7	1175.9	1435.9	1752.7	2143.5	2644.0	3289.7	4010.4
-17.5°	544.1	653.5	783.6	942.2	1136.2	1380.2	1673.0	2031.3	2487.3	3093.6	3783.1
-20°	532.5	637.8	760.6	910.0	1090.3	1321.6	1599.0	1932.0	2340.7	2868.9	3514.9

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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°	518.4	619.1	736.3	879.2	1049.7	1260.8	1516.3	1819.3	2176.2	2609.2	3222.2
-25°	503.9	601.2	712.6	844.9	1003.3	1191.8	1421.7	1697.7	2020.9	2417.3	2924.1
-27.5°	489.6	580.5	685.2	805.3	951.2	1120.6	1332.7	1584.4	1872.4	2209.5	2622.1
-30°	473.4	557.5	655.1	763.9	901.4	1058.6	1242.0	1457.6	1713.7	2018.3	2377.0
-32.5°	455.8	532.8	625.9	728.0	848.0	991.1	1149.7	1344.7	1567.5	1818.8	2128.9
-35°	438.3	511.8	596.0	689.3	790.7	924.6	1070.4	1232.2	1421.7	1644.2	1892.2
-37.5°	421.4	488.8	563.9	650.9	746.0	857.2	986.0	1132.1	1295.2	1472.2	1686.5
-40°	402.6	463.9	535.0	613.9	697.9	794.4	910.4	1034.4	1174.9	1330.6	1496.1
-42.5°	382.2	441.1	506.0	573.9	651.1	737.2	833.5	946.8	1063.5	1194.1	1338.5
-45°	362.2	416.3	475.6	537.7	602.6	678.7	766.1	860.4	963.9	1070.4	1191.7
-47.5°	341.1	390.5	445.8	499.8	557.3	622.2	696.4	782.0	868.3	963.1	1057.2
-50°	320.0	366.4	412.8	463.3	514.8	568.8	631.5	705.3	783.9	862.6	945.3
-52.5°	301.1	341.2	383.2	426.5	473.4	521.5	573.7	634.6	703.2	772.6	843.9
-55°	281.8	318.8	353.4	392.2	432.8	476.1	522.7	573.9	625.7	688.8	750.3
-57.5°	263.0	295.8	325.9	358.9	395.0	431.9	473.8	517.3	564.4	612.0	662.3
-60°	244.0	271.9	299.3	327.8	358.1	390.8	424.6	462.9	503.2	544.7	588.2
-62.5°	224.5	247.1	271.2	297.4	324.0	349.1	377.5	408.8	442.0	477.6	514.5
-65°	202.6	221.3	241.4	264.2	289.3	309.6	331.2	354.7	382.2	411.6	440.5
-67.5°	179.2	195.8	212.2	229.1	249.4	267.6	285.5	304.2	324.7	348.7	371.9
-70°	153.2	169.7	184.2	198.2	211.1	224.1	239.3	254.0	270.6	292.1	313.2
-72.5°	126.7	142.3	156.0	167.9	177.0	184.7	194.0	204.7	220.6	240.5	259.2
-75°	102.5	115.0	127.9	139.3	145.2	147.5	149.4	155.0	171.1	191.6	209.7
-77.5°	79.8	90.7	101.2	111.2	115.3	116.9	117.7	117.7	129.5	146.9	165.3
-80°	58.8	66.3	75.2	83.8	86.3	87.1	87.2	86.6	96.3	108.9	122.3
-82.5°	40.8	46.3	52.0	57.8	58.5	58.1	57.3	56.5	64.3	73.3	82.6
-85°	23.8	26.1	29.6	33.1	33.5	33.3	32.7	31.7	36.0	41.0	46.2
-87.5°	11.9	13.1	14.2	15.4	15.0	14.3	13.6	12.6	13.8	15.1	16.4
-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: P627252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-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°	1.1	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.3	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.3	1.1	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.3	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.3	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	0.7	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.3	1.3	1.0	0.6	0.3	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	1.7	1.6	1.2	1.1	1.2	1.3	1.1	0.9	0.9	0.9	1.1
60°	7.2	4.1	4.2	5.4	4.6	2.1	4.2	5.3	4.9	3.7	3.3
57.5°	36.6	30.6	21.4	35.9	36.9	25.7	27.9	36.4	35.3	27.3	27.2
55°	92.2	93.5	100.4	109.5	116.2	119.3	122.1	135.8	150.4	164.8	171.9
52.5°	152.3	170.1	192.2	206.9	217.2	238.2	267.6	281.1	294.2	309.1	319.9
50°	224.3	255.3	277.5	280.7	315.7	338.4	343.7	369.0	396.6	413.8	426.1
47.5°	333.7	372.9	392.2	404.6	447.1	493.7	493.8	508.4	577.4	613.5	630.9
45°	480.6	513.3	547.6	636.6	718.5	744.5	800.2	875.5	924.5	991.8	1065.9
42.5°	605.8	667.1	752.9	851.0	933.2	1001.5	1084.2	1174.7	1283.5	1385.8	1474.0
40°	729.6	805.5	911.9	1018.6	1122.0	1216.7	1349.9	1466.3	1594.6	1735.3	1852.6
37.5°	891.2	988.3	1098.2	1232.8	1393.7	1498.8	1682.0	1849.3	1993.9	2163.8	2268.5
35°	1139.4	1266.0	1363.3	1635.3	1831.0	1954.0	2170.8	2445.8	2551.4	2765.4	2866.9
32.5°	1451.4	1619.7	1875.8	2235.9	2497.3	2723.6	3047.8	3326.8	3564.7	3779.6	4003.2
30°	1802.0	2061.7	2439.2	2917.7	3183.2	3500.2	3938.6	4269.4	4642.5	5052.0	5195.4
27.5°	2120.2	2509.1	2947.4	3335.0	3716.3	4111.2	4541.9	4967.0	5370.7	5711.4	5940.1
25°	2415.0	2886.0	3312.0	3726.2	4139.4	4584.1	5071.3	5553.4	5997.7	6348.3	6614.8
22.5°	2719.2	3216.8	3672.5	4092.8	4573.4	5077.3	5595.4	6148.4	6654.0	7017.8	7308.1
20°	3005.1	3558.6	4078.4	4556.9	5011.2	5592.9	6189.5	6776.1	7326.7	7760.0	8094.8
17.5°	3459.1	3939.5	4574.8	5196.5	5708.3	6242.6	7039.9	7645.3	8256.3	8775.2	9130.1
15°	4016.5	4544.8	5200.9	6054.6	6755.8	7368.1	8191.7	9176.5	9897.3	10559.7	11014.1
12.5°	4574.4	5171.9	5881.5	6842.3	7840.7	8561.9	9561.1	10809.1	11648.6	12674.1	13179.7
10°	5002.0	5752.3	6483.1	7359.9	8318.7	9345.7	10422.9	11590.4	12712.1	13592.7	14379.9
7.5°	5174.1	5973.4	6819.3	7713.9	8672.7	9732.6	10880.6	12095.5	13249.9	14233.5	15098.7
5°	5302.8	6121.8	6973.3	7888.0	8912.9	10019.8	11184.9	12460.4	13639.3	14693.6	15578.6
2.5°	5384.6	6211.3	7059.1	7989.1	9067.0	10206.7	11409.3	12718.6	13915.2	15000.5	15882.7
0°	5416.0	6230.7	7098.9	8056.4	9123.5	10265.9	11520.4	12845.1	14051.2	15100.5	16008.2
-2.5°	5420.3	6212.6	7101.5	8054.3	9075.4	10228.4	11498.1	12811.8	13993.4	15038.4	15954.2
-5°	5377.7	6169.7	7059.5	7997.8	9020.3	10164.6	11379.8	12649.3	13776.2	14793.3	15675.1
-7.5°	5291.5	6081.3	6951.3	7868.2	8863.1	9973.1	11140.3	12320.4	13426.0	14401.5	15243.0
-10°	5163.5	5936.7	6776.6	7670.0	8611.4	9667.2	10780.1	11907.7	12944.4	13846.5	14624.7
-12.5°	4990.2	5745.5	6547.6	7400.5	8276.8	9283.4	10334.2	11393.1	12338.1	13161.6	13859.8
-15°	4765.1	5502.8	6279.5	7086.1	7935.9	8846.1	9789.2	10760.5	11632.0	12362.3	13000.1
-17.5°	4500.0	5215.5	5953.0	6700.8	7507.1	8361.1	9236.5	10108.4	10851.7	11500.5	12083.8
-20°	4204.3	4893.8	5594.4	6291.4	7023.0	7812.8	8621.4	9387.2	10036.7	10626.2	11159.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627252 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-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°	3872.9	4532.8	5204.3	5856.7	6516.4	7231.6	7953.6	8646.2	9253.7	9758.0	10221.8
-25°	3518.2	4127.9	4762.0	5373.6	5980.8	6621.7	7277.5	7914.7	8449.5	8887.3	9270.6
-27.5°	3160.7	3717.9	4276.5	4852.3	5413.5	6004.9	6598.7	7149.1	7629.2	8032.3	8354.4
-30°	2785.0	3283.0	3793.2	4314.2	4850.1	5391.3	5927.8	6409.7	6828.8	7183.4	7461.7
-32.5°	2472.7	2851.1	3301.5	3774.4	4276.8	4769.9	5236.6	5675.8	6070.7	6380.3	6616.4
-35°	2173.3	2493.8	2831.2	3249.7	3681.3	4135.1	4564.4	4956.4	5308.4	5579.0	5801.0
-37.5°	1916.0	2169.5	2454.8	2753.6	3115.4	3490.6	3878.0	4246.7	4560.6	4796.6	4994.9
-40°	1693.3	1893.4	2121.4	2358.3	2624.5	2894.0	3231.4	3542.5	3798.7	4019.3	4199.0
-42.5°	1492.0	1660.8	1829.1	2023.5	2224.3	2441.0	2677.8	2907.9	3104.5	3289.2	3441.8
-45°	1318.1	1453.1	1587.3	1737.3	1884.8	2061.0	2230.1	2381.1	2540.4	2678.6	2787.4
-47.5°	1166.2	1271.3	1386.4	1498.7	1617.1	1749.8	1875.7	1990.5	2107.2	2208.3	2289.4
-50°	1031.1	1118.3	1212.2	1300.4	1396.2	1493.3	1586.4	1677.7	1766.4	1843.3	1903.1
-52.5°	912.9	989.1	1062.2	1132.5	1208.7	1280.5	1347.9	1423.3	1492.6	1553.3	1594.2
-55°	812.2	874.4	934.4	993.1	1050.7	1105.1	1158.8	1217.4	1270.9	1319.1	1349.6
-57.5°	717.7	770.6	821.4	869.3	915.0	958.3	1003.5	1048.6	1089.8	1126.1	1149.7
-60°	631.7	674.9	718.9	758.0	794.8	829.4	867.5	903.5	936.8	964.8	981.1
-62.5°	552.9	591.7	624.1	655.0	686.4	717.5	744.6	771.2	796.9	818.5	832.8
-65°	470.5	503.4	531.0	555.9	578.3	602.5	625.5	646.4	664.9	679.0	688.0
-67.5°	396.8	421.0	443.1	462.9	482.9	502.3	520.0	535.9	549.8	559.6	566.1
-70°	332.8	351.3	369.4	387.3	405.2	420.3	433.1	445.0	455.7	460.2	462.2
-72.5°	276.5	292.9	308.8	324.7	339.5	351.3	360.8	369.4	377.2	370.5	358.7
-75°	225.5	239.9	254.8	268.8	281.9	290.9	297.9	304.4	310.3	295.7	275.6
-77.5°	183.8	196.5	207.5	218.4	229.2	234.9	239.4	243.8	248.0	231.7	211.1
-80°	136.3	146.6	155.9	165.1	174.1	177.5	179.5	180.9	181.6	167.7	151.6
-82.5°	92.1	97.4	102.5	107.9	113.4	116.2	118.4	120.1	121.3	111.4	100.2
-85°	51.6	53.2	54.4	55.5	56.4	58.2	59.9	61.5	63.0	58.3	53.1
-87.5°	17.8	17.8	17.7	17.5	17.3	17.3	17.3	17.3	17.2	16.5	15.7
-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: P627252 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-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	0.3
62.5°	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.1	0.9	0.9	0.9
60°	2.5	1.6	1.3	1.3	1.3	1.6	2.5	3.3	3.7	4.9	5.3
57.5°	25.4	22.1	19.9	17.8	19.9	22.1	25.4	27.2	27.3	35.3	36.4
55°	168.8	157.2	143.0	126.2	143.0	157.2	168.8	171.9	164.8	150.4	135.8
52.5°	331.2	342.2	348.6	348.1	348.6	342.2	331.2	319.9	309.1	294.2	281.1
50°	436.0	442.0	442.3	437.3	442.3	442.0	436.0	426.1	413.8	396.6	369.0
47.5°	638.8	630.4	616.0	600.5	616.0	630.4	638.8	630.9	613.5	577.4	508.4
45°	1114.7	1141.5	1139.8	1105.4	1139.8	1141.5	1114.7	1065.9	991.8	924.5	875.5
42.5°	1523.3	1563.5	1591.9	1606.4	1591.9	1563.5	1523.3	1474.0	1385.8	1283.5	1174.7
40°	1918.6	1957.5	1974.6	1973.6	1974.6	1957.5	1918.6	1852.6	1735.3	1594.6	1466.3
37.5°	2336.4	2386.7	2411.1	2399.5	2411.1	2386.7	2336.4	2268.5	2163.8	1993.9	1849.3
35°	2910.9	2958.0	2958.8	2934.9	2958.8	2958.0	2910.9	2866.9	2765.4	2551.4	2445.8
32.5°	4180.7	4196.5	4075.5	4032.7	4075.5	4196.5	4180.7	4003.2	3779.6	3564.7	3326.8
30°	5338.2	5449.8	5553.6	5605.9	5553.6	5449.8	5338.2	5195.4	5052.0	4642.5	4269.4
27.5°	6112.5	6246.7	6329.9	6335.2	6329.9	6246.7	6112.5	5940.1	5711.4	5370.7	4967.0
25°	6816.8	6966.9	7057.7	7088.7	7057.7	6966.9	6816.8	6614.8	6348.3	5997.7	5553.4
22.5°	7554.6	7731.6	7848.8	7872.8	7848.8	7731.6	7554.6	7308.1	7017.8	6654.0	6148.4
20°	8410.7	8616.7	8729.1	8724.5	8729.1	8616.7	8410.7	8094.8	7760.0	7326.7	6776.1
17.5°	9537.8	9758.6	9855.7	9813.3	9855.7	9758.6	9537.8	9130.1	8775.2	8256.3	7645.3
15°	11480.6	11942.5	11940.7	11756.3	11940.7	11942.5	11480.6	11014.1	10559.7	9897.3	9176.5
12.5°	13876.9	14221.2	14574.5	14650.4	14574.5	14221.2	13876.9	13179.7	12674.1	11648.6	10809.1
10°	15043.0	15500.2	15802.0	15794.1	15802.0	15500.2	15043.0	14379.9	13592.7	12712.1	11590.4
7.5°	15772.5	16277.6	16643.4	16635.5	16643.4	16277.6	15772.5	15098.7	14233.5	13249.9	12095.5
5°	16335.5	16895.7	17219.7	17243.7	17219.7	16895.7	16335.5	15578.6	14693.6	13639.3	12460.4
2.5°	16627.9	17212.8	17602.2	17550.9	17602.2	17212.8	16627.9	15882.7	15000.5	13915.2	12718.6
0°	16750.3	17329.1	17692.5	17849.3	17692.5	17329.1	16750.3	16008.2	15100.5	14051.2	12845.1
-2.5°	16696.8	17260.1	17661.7	17677.2	17661.7	17260.1	16696.8	15954.2	15038.4	13993.4	12811.8
-5°	16410.8	17005.1	17274.1	17417.1	17274.1	17005.1	16410.8	15675.1	14793.3	13776.2	12649.3
-7.5°	15949.4	16394.8	16736.6	16894.3	16736.6	16394.8	15949.4	15243.0	14401.5	13426.0	12320.4
-10°	15231.4	15692.5	15981.3	16111.5	15981.3	15692.5	15231.4	14624.7	13846.5	12944.4	11907.7
-12.5°	14435.9	14855.0	15129.5	15239.5	15129.5	14855.0	14435.9	13859.8	13161.6	12338.1	11393.1
-15°	13548.4	13929.0	14181.7	14287.1	14181.7	13929.0	13548.4	13000.1	12362.3	11632.0	10760.5
-17.5°	12571.5	12905.0	13156.8	13232.7	13156.8	12905.0	12571.5	12083.8	11500.5	10851.7	10108.4
-20°	11567.0	11868.4	12075.8	12120.9	12075.8	11868.4	11567.0	11159.9	10626.2	10036.7	9387.2



REPORT NUMBER: P627252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-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°	10554.8	10803.1	10971.5	11028.3	10971.5	10803.1	10554.8	10221.8	9758.0	9253.7	8646.2
-25°	9565.6	9779.9	9915.5	9966.3	9915.5	9779.9	9565.6	9270.6	8887.3	8449.5	7914.7
-27.5°	8614.3	8814.0	8938.5	8955.2	8938.5	8814.0	8614.3	8354.4	8032.3	7629.2	7149.1
-30°	7678.1	7843.2	7939.2	7979.9	7939.2	7843.2	7678.1	7461.7	7183.4	6828.8	6409.7
-32.5°	6803.3	6947.5	7033.8	7056.8	7033.8	6947.5	6803.3	6616.4	6380.3	6070.7	5675.8
-35°	5977.5	6110.6	6187.1	6180.9	6187.1	6110.6	5977.5	5801.0	5579.0	5308.4	4956.4
-37.5°	5158.9	5281.7	5351.1	5344.6	5351.1	5281.7	5158.9	4994.9	4796.6	4560.6	4246.7
-40°	4346.7	4452.7	4513.8	4528.6	4513.8	4452.7	4346.7	4199.0	4019.3	3798.7	3542.5
-42.5°	3568.6	3666.5	3715.4	3696.1	3715.4	3666.5	3568.6	3441.8	3289.2	3104.5	2907.9
-45°	2863.5	2914.1	2947.3	2968.1	2947.3	2914.1	2863.5	2787.4	2678.6	2540.4	2381.1
-47.5°	2348.8	2390.7	2413.4	2417.3	2413.4	2390.7	2348.8	2289.4	2208.3	2107.2	1990.5
-50°	1949.6	1985.3	2001.1	1996.6	2001.1	1985.3	1949.6	1903.1	1843.3	1766.4	1677.7
-52.5°	1623.7	1644.4	1658.3	1665.1	1658.3	1644.4	1623.7	1594.2	1553.3	1492.6	1423.3
-55°	1372.5	1388.6	1398.0	1401.2	1398.0	1388.6	1372.5	1349.6	1319.1	1270.9	1217.4
-57.5°	1169.4	1184.7	1190.3	1188.3	1190.3	1184.7	1169.4	1149.7	1126.1	1089.8	1048.6
-60°	993.6	1002.4	1009.0	1012.3	1009.0	1002.4	993.6	981.1	964.8	936.8	903.5
-62.5°	844.1	852.3	859.1	863.1	859.1	852.3	844.1	832.8	818.5	796.9	771.2
-65°	694.3	697.9	699.0	697.4	699.0	697.9	694.3	688.0	679.0	664.9	646.4
-67.5°	570.9	574.0	576.0	576.3	576.0	574.0	570.9	566.1	559.6	549.8	535.9
-70°	464.1	465.4	463.9	460.3	463.9	465.4	464.1	462.2	460.2	455.7	445.0
-72.5°	346.7	334.0	321.3	307.3	321.3	334.0	346.7	358.7	370.5	377.2	369.4
-75°	254.8	233.3	225.5	218.0	225.5	233.3	254.8	275.6	295.7	310.3	304.4
-77.5°	189.6	167.2	161.2	155.5	161.2	167.2	189.6	211.1	231.7	248.0	243.8
-80°	134.7	117.2	113.4	109.6	113.4	117.2	134.7	151.6	167.7	181.6	180.9
-82.5°	88.5	76.3	73.9	71.4	73.9	76.3	88.5	100.2	111.4	121.3	120.1
-85°	47.6	41.9	40.8	39.5	40.8	41.9	47.6	53.1	58.3	63.0	61.5
-87.5°	14.8	13.9	14.0	14.0	14.0	13.9	14.8	15.7	16.5	17.2	17.3
-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: P627252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-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	0.3	0.6	0.8	1.1	1.0	1.0	1.0	0.9
85°	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3
82.5°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.3	1.3
80°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.3	1.3
77.5°	0.0	0.0	0.1	0.4	0.7	1.1	1.3	1.3	1.3	1.3	1.3
75°	0.0	0.0	0.1	0.4	0.8	1.1	1.3	1.3	1.3	1.3	1.3
72.5°	0.0	0.0	0.1	0.4	0.8	1.1	1.3	1.3	1.3	1.3	1.3
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.1	1.3	1.3	1.3
67.5°	0.0	0.0	0.2	0.5	0.7	0.7	0.6	0.7	1.0	1.3	1.3
65°	0.3	0.2	0.3	0.6	1.0	1.3	1.3	1.2	1.2	1.4	1.3
62.5°	1.1	1.3	1.2	1.1	1.2	1.6	1.7	1.7	1.6	2.0	2.9
60°	4.2	2.1	4.6	5.4	4.2	4.1	7.2	6.7	2.5	9.5	11.6
57.5°	27.9	25.7	36.9	35.9	21.4	30.6	36.6	24.5	17.0	27.1	32.7
55°	122.1	119.3	116.2	109.5	100.4	93.5	92.2	92.0	73.1	52.9	60.1
52.5°	267.6	238.2	217.2	206.9	192.2	170.1	152.3	148.8	144.3	119.4	98.6
50°	343.7	338.4	315.7	280.7	277.5	255.3	224.3	202.9	200.2	183.1	151.7
47.5°	493.8	493.7	447.1	404.6	392.2	372.9	333.7	276.1	270.8	256.2	221.2
45°	800.2	744.5	718.5	636.6	547.6	513.3	480.6	411.3	354.6	332.3	307.7
42.5°	1084.2	1001.5	933.2	851.0	752.9	667.1	605.8	529.6	461.1	413.7	378.4
40°	1349.9	1216.7	1122.0	1018.6	911.9	805.5	729.6	633.8	555.8	492.2	454.8
37.5°	1682.0	1498.8	1393.7	1232.8	1098.2	988.3	891.2	769.3	643.9	592.1	545.8
35°	2170.8	1954.0	1831.0	1635.3	1363.3	1266.0	1139.4	956.8	798.2	709.5	652.2
32.5°	3047.8	2723.6	2497.3	2235.9	1875.8	1619.7	1451.4	1248.3	994.2	866.7	771.7
30°	3938.6	3500.2	3183.2	2917.7	2439.2	2061.7	1802.0	1514.6	1240.6	1033.5	904.5
27.5°	4541.9	4111.2	3716.3	3335.0	2947.4	2509.1	2120.2	1751.1	1451.6	1220.0	1053.3
25°	5071.3	4584.1	4139.4	3726.2	3312.0	2886.0	2415.0	2000.4	1648.8	1383.8	1166.3
22.5°	5595.4	5077.3	4573.4	4092.8	3672.5	3216.8	2719.2	2242.0	1838.0	1563.5	1302.1
20°	6189.5	5592.9	5011.2	4556.9	4078.4	3558.6	3005.1	2550.2	2154.3	1778.4	1450.7
17.5°	7039.9	6242.6	5708.3	5196.5	4574.8	3939.5	3459.1	2982.1	2494.6	2005.4	1606.6
15°	8191.7	7368.1	6755.8	6054.6	5200.9	4544.8	4016.5	3437.4	2859.8	2274.0	1792.2
12.5°	9561.1	8561.9	7840.7	6842.3	5881.5	5171.9	4574.4	3926.2	3216.7	2516.8	1964.8
10°	10422.9	9345.7	8318.7	7359.9	6483.1	5752.3	5002.0	4210.4	3421.4	2700.0	2114.1
7.5°	10880.6	9732.6	8672.7	7713.9	6819.3	5973.4	5174.1	4377.1	3585.9	2843.1	2240.2
5°	11184.9	10019.8	8912.9	7888.0	6973.3	6121.8	5302.8	4490.0	3709.7	2948.7	2343.4
2.5°	11409.3	10206.7	9067.0	7989.1	7059.1	6211.3	5384.6	4555.7	3774.3	3005.2	2379.4
0°	11520.4	10265.9	9123.5	8056.4	7098.9	6230.7	5416.0	4579.6	3789.1	3029.3	2394.4
-2.5°	11498.1	10228.4	9075.4	8054.3	7101.5	6212.6	5420.3	4592.5	3793.3	3047.3	2405.0
-5°	11379.8	10164.6	9020.3	7997.8	7059.5	6169.7	5377.7	4564.4	3763.5	3033.0	2394.8
-7.5°	11140.3	9973.1	8863.1	7868.2	6951.3	6081.3	5291.5	4495.5	3703.3	2983.5	2365.0
-10°	10780.1	9667.2	8611.4	7670.0	6776.6	5936.7	5163.5	4379.1	3603.8	2902.2	2313.2
-12.5°	10334.2	9283.4	8276.8	7400.5	6547.6	5745.5	4990.2	4214.9	3465.5	2789.4	2239.4
-15°	9789.2	8846.1	7935.9	7086.1	6279.5	5502.8	4765.1	4010.4	3289.7	2644.0	2143.5
-17.5°	9236.5	8361.1	7507.1	6700.8	5953.0	5215.5	4500.0	3783.1	3093.6	2487.3	2031.3
-20°	8621.4	7812.8	7023.0	6291.4	5594.4	4893.8	4204.3	3514.9	2868.9	2340.7	1932.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627252 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-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°	7953.6	7231.6	6516.4	5856.7	5204.3	4532.8	3872.9	3222.2	2609.2	2176.2	1819.3
-25°	7277.5	6621.7	5980.8	5373.6	4762.0	4127.9	3518.2	2924.1	2417.3	2020.9	1697.7
-27.5°	6598.7	6004.9	5413.5	4852.3	4276.5	3717.9	3160.7	2622.1	2209.5	1872.4	1584.4
-30°	5927.8	5391.3	4850.1	4314.2	3793.2	3283.0	2785.0	2377.0	2018.3	1713.7	1457.6
-32.5°	5236.6	4769.9	4276.8	3774.4	3301.5	2851.1	2472.7	2128.9	1818.8	1567.5	1344.7
-35°	4564.4	4135.1	3681.3	3249.7	2831.2	2493.8	2173.3	1892.2	1644.2	1421.7	1232.2
-37.5°	3878.0	3490.6	3115.4	2753.6	2454.8	2169.5	1916.0	1686.5	1472.2	1295.2	1132.1
-40°	3231.4	2894.0	2624.5	2358.3	2121.4	1893.4	1693.3	1496.1	1330.6	1174.9	1034.4
-42.5°	2677.8	2441.0	2224.3	2023.5	1829.1	1660.8	1492.0	1338.5	1194.1	1063.5	946.8
-45°	2230.1	2061.0	1884.8	1737.3	1587.3	1453.1	1318.1	1191.7	1070.4	963.9	860.4
-47.5°	1875.7	1749.8	1617.1	1498.7	1386.4	1271.3	1166.2	1057.2	963.1	868.3	782.0
-50°	1586.4	1493.3	1396.2	1300.4	1212.2	1118.3	1031.1	945.3	862.6	783.9	705.3
-52.5°	1347.9	1280.5	1208.7	1132.5	1062.2	989.1	912.9	843.9	772.6	703.2	634.6
-55°	1158.8	1105.1	1050.7	993.1	934.4	874.4	812.2	750.3	688.8	625.7	573.9
-57.5°	1003.5	958.3	915.0	869.3	821.4	770.6	717.7	662.3	612.0	564.4	517.3
-60°	867.5	829.4	794.8	758.0	718.9	674.9	631.7	588.2	544.7	503.2	462.9
-62.5°	744.6	717.5	686.4	655.0	624.1	591.7	552.9	514.5	477.6	442.0	408.8
-65°	625.5	602.5	578.3	555.9	531.0	503.4	470.5	440.5	411.6	382.2	354.7
-67.5°	520.0	502.3	482.9	462.9	443.1	421.0	396.8	371.9	348.7	324.7	304.2
-70°	433.1	420.3	405.2	387.3	369.4	351.3	332.8	313.2	292.1	270.6	254.0
-72.5°	360.8	351.3	339.5	324.7	308.8	292.9	276.5	259.2	240.5	220.6	204.7
-75°	297.9	290.9	281.9	268.8	254.8	239.9	225.5	209.7	191.6	171.1	155.0
-77.5°	239.4	234.9	229.2	218.4	207.5	196.5	183.8	165.3	146.9	129.5	117.7
-80°	179.5	177.5	174.1	165.1	155.9	146.6	136.3	122.3	108.9	96.3	86.6
-82.5°	118.4	116.2	113.4	107.9	102.5	97.4	92.1	82.6	73.3	64.3	56.5
-85°	59.9	58.2	56.4	55.5	54.4	53.2	51.6	46.2	41.0	36.0	31.7
-87.5°	17.3	17.3	17.3	17.5	17.7	17.8	17.8	16.4	15.1	13.8	12.6
-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: P627252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-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°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.9	0.8
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3
67.5°	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.6	1.7	1.3	1.3
65°	1.3	1.3	1.4	1.9	1.8	1.3	1.3	2.5	2.1	1.8	1.3
62.5°	2.5	1.3	3.3	4.5	2.9	2.3	1.9	5.3	3.4	2.4	1.8
60°	5.8	4.7	8.9	13.6	9.8	3.8	5.6	9.1	8.4	3.1	2.4
57.5°	29.5	13.4	19.9	25.9	24.7	13.9	11.3	15.6	14.2	8.3	3.3
55°	61.2	52.0	41.4	41.2	41.7	32.9	23.4	24.2	21.5	15.2	4.8
52.5°	93.0	90.2	80.3	65.4	60.0	54.2	44.4	34.3	31.8	22.8	12.0
50°	132.6	125.4	117.5	102.3	82.9	75.3	65.1	52.4	43.3	31.8	19.8
47.5°	177.9	165.3	153.5	138.7	117.5	97.5	86.2	71.1	56.0	43.7	27.7
45°	248.6	207.6	191.6	174.5	152.7	127.7	108.1	89.5	72.5	55.6	35.7
42.5°	321.2	264.1	230.7	211.5	188.6	160.4	130.9	110.0	88.9	67.4	45.1
40°	394.3	323.6	272.9	248.9	225.7	193.1	159.9	131.4	104.8	79.8	55.4
37.5°	473.3	390.3	321.7	287.9	263.4	228.2	189.4	153.3	121.3	93.2	65.6
35°	571.5	469.2	374.7	332.9	300.1	264.0	218.5	177.1	140.8	106.6	75.6
32.5°	682.1	556.4	450.7	382.1	337.4	300.4	249.6	203.9	161.0	120.1	85.5
30°	792.0	646.1	522.7	430.7	377.0	334.6	282.7	230.8	181.5	133.6	95.5
27.5°	875.9	723.5	590.2	489.2	420.9	368.5	315.7	257.9	202.4	148.3	106.5
25°	961.5	795.2	655.7	546.5	463.9	403.2	347.4	284.9	224.6	165.3	117.2
22.5°	1061.6	863.3	710.9	598.1	509.4	438.4	377.7	312.4	247.1	182.2	127.6
20°	1159.5	926.1	761.8	658.5	559.2	477.7	407.4	338.5	269.1	198.7	137.7
17.5°	1259.8	1014.3	846.1	721.0	610.6	516.5	436.7	363.3	290.4	214.9	147.4
15°	1411.1	1132.2	931.2	782.7	660.3	554.5	465.4	386.7	311.0	230.4	156.0
12.5°	1553.6	1243.1	1013.7	843.0	708.0	591.4	493.3	408.5	330.7	243.4	163.2
10°	1679.7	1346.4	1092.8	901.2	753.3	626.8	520.0	425.7	342.3	253.7	169.7
7.5°	1789.3	1441.2	1167.4	956.5	792.0	650.8	533.5	434.7	351.2	262.8	175.3
5°	1873.2	1505.7	1208.4	978.7	806.5	661.8	543.3	441.9	358.2	270.5	180.1
2.5°	1900.9	1527.2	1224.6	991.1	817.1	669.6	550.7	447.5	363.5	276.9	184.2
0°	1913.7	1537.6	1232.9	998.3	823.6	674.4	555.9	451.3	367.2	281.8	187.4
-2.5°	1927.8	1551.8	1244.6	1009.4	830.5	681.0	561.4	457.3	372.5	287.3	192.8
-5°	1926.8	1554.4	1248.4	1014.7	833.2	684.6	564.5	461.6	376.3	291.3	197.3
-7.5°	1906.4	1542.4	1243.6	1013.7	831.7	685.0	565.4	464.1	378.7	293.9	200.9
-10°	1870.0	1517.3	1229.6	1004.5	826.2	682.0	564.0	464.9	379.6	295.0	203.4
-12.5°	1818.7	1481.7	1207.0	989.5	816.4	675.6	559.9	462.7	379.0	294.6	204.8
-15°	1752.7	1435.9	1175.9	968.7	802.2	666.1	553.2	458.2	375.7	292.5	205.1
-17.5°	1673.0	1380.2	1136.2	942.2	783.6	653.5	544.1	452.0	371.2	288.7	204.7
-20°	1599.0	1321.6	1090.3	910.0	760.6	637.8	532.5	444.1	365.6	284.0	203.8

Classified

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



REPORT NUMBER: P627252 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-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°	1516.3	1260.8	1049.7	879.2	736.3	619.1	518.4	434.4	359.0	278.4	201.9
-25°	1421.7	1191.8	1003.3	844.9	712.6	601.2	503.9	423.1	351.3	272.0	199.2
-27.5°	1332.7	1120.6	951.2	805.3	685.2	580.5	489.6	412.6	342.5	264.9	195.7
-30°	1242.0	1058.6	901.4	763.9	655.1	557.5	473.4	401.4	332.6	258.7	191.4
-32.5°	1149.7	991.1	848.0	728.0	625.9	532.8	455.8	389.4	322.2	252.5	187.8
-35°	1070.4	924.6	790.7	689.3	596.0	511.8	438.3	376.6	311.5	245.5	183.9
-37.5°	986.0	857.2	746.0	650.9	563.9	488.8	421.4	361.6	300.5	237.7	179.1
-40°	910.4	794.4	697.9	613.9	535.0	463.9	402.6	345.5	290.2	229.1	173.6
-42.5°	833.5	737.2	651.1	573.9	506.0	441.1	382.2	328.4	276.8	221.1	167.3
-45°	766.1	678.7	602.6	537.7	475.6	416.3	362.2	310.7	262.5	213.0	160.7
-47.5°	696.4	622.2	557.3	499.8	445.8	390.5	341.1	294.2	247.7	203.8	153.9
-50°	631.5	568.8	514.8	463.3	412.8	366.4	320.0	277.3	234.2	191.9	146.3
-52.5°	573.7	521.5	473.4	426.5	383.2	341.2	301.1	260.1	220.1	179.9	137.9
-55°	522.7	476.1	432.8	392.2	353.4	318.8	281.8	243.8	205.5	167.6	129.0
-57.5°	473.8	431.9	395.0	358.9	325.9	295.8	263.0	227.0	190.7	154.7	121.0
-60°	424.6	390.8	358.1	327.8	299.3	271.9	244.0	209.7	175.3	141.4	111.3
-62.5°	377.5	349.1	324.0	297.4	271.2	247.1	224.5	191.8	159.4	128.3	100.6
-65°	331.2	309.6	289.3	264.2	241.4	221.3	202.6	173.2	142.5	114.3	89.4
-67.5°	285.5	267.6	249.4	229.1	212.2	195.8	179.2	152.7	124.8	99.6	78.1
-70°	239.3	224.1	211.1	198.2	184.2	169.7	153.2	130.5	106.1	85.6	66.4
-72.5°	194.0	184.7	177.0	167.9	156.0	142.3	126.7	108.2	89.3	71.3	54.3
-75°	149.4	147.5	145.2	139.3	127.9	115.0	102.5	88.3	72.0	56.5	44.3
-77.5°	117.7	116.9	115.3	111.2	101.2	90.7	79.8	67.9	55.5	44.9	34.8
-80°	87.2	87.1	86.3	83.8	75.2	66.3	58.8	51.2	42.1	33.4	25.2
-82.5°	57.3	58.1	58.5	57.8	52.0	46.3	40.8	35.4	28.4	21.7	16.8
-85°	32.7	33.3	33.5	33.1	29.6	26.1	23.8	21.5	17.7	14.3	11.3
-87.5°	13.6	14.3	15.0	15.4	14.2	13.1	11.9	10.8	8.9	7.2	5.7
-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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REPORT NUMBER: P627252 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-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	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
82.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
80°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
77.5°	1.3	1.3	1.1	0.8	0.6	0.3	0.0
75°	1.3	1.3	1.3	1.0	0.7	0.3	0.0
72.5°	1.3	1.3	1.3	1.2	0.8	0.4	0.0
70°	1.3	1.3	1.3	1.3	0.9	0.4	0.0
67.5°	1.4	1.3	1.3	1.3	1.0	0.5	0.0
65°	1.6	1.4	1.3	1.3	1.1	0.5	0.0
62.5°	1.8	1.7	1.3	1.3	1.2	0.6	0.0
60°	2.0	2.1	1.3	1.3	1.3	0.6	0.0
57.5°	3.5	2.4	1.7	1.3	1.3	0.7	0.0
55°	5.3	2.8	2.0	1.3	1.3	0.7	0.0
52.5°	7.4	3.5	2.4	1.3	1.4	0.8	0.0
50°	9.7	5.7	2.9	1.3	1.4	0.8	0.0
47.5°	13.0	8.1	3.3	1.4	1.4	0.9	0.0
45°	19.9	10.6	3.8	1.7	1.4	0.9	0.0
42.5°	26.7	13.3	4.2	2.1	1.5	1.0	0.0
40°	33.6	16.0	5.6	2.5	1.5	1.0	0.0
37.5°	40.4	19.0	7.7	3.1	1.6	1.0	0.0
35°	47.1	23.6	10.0	3.7	1.6	1.1	0.0
32.5°	54.2	28.9	12.2	4.3	1.7	1.1	0.0
30°	62.2	34.1	14.4	5.0	1.7	1.1	0.0
27.5°	69.9	39.1	17.0	5.7	1.8	1.2	0.0
25°	77.4	44.0	19.6	6.5	1.9	1.2	0.0
22.5°	84.5	48.7	22.1	7.2	1.9	1.2	0.0
20°	91.3	53.3	24.5	8.0	2.0	1.2	0.0
17.5°	97.6	57.6	26.8	8.8	2.1	1.2	0.0
15°	103.4	61.6	29.0	9.7	2.1	1.3	0.0
12.5°	108.7	65.3	31.2	10.5	2.2	1.3	0.0
10°	113.5	68.8	33.1	11.2	2.3	1.3	0.0
7.5°	117.8	71.8	35.0	12.0	2.3	1.3	0.0
5°	121.6	74.6	36.7	12.7	2.4	1.3	0.0
2.5°	124.8	77.0	38.2	13.4	2.4	1.3	0.0
0°	127.5	79.0	39.5	14.0	2.5	1.3	0.0
-2.5°	131.0	81.5	41.3	14.9	2.9	1.4	0.0
-5°	133.8	83.6	42.9	15.7	3.3	1.5	0.0
-7.5°	136.1	85.3	44.3	16.4	3.6	1.5	0.0
-10°	137.7	86.6	45.4	17.1	4.0	1.6	0.0
-12.5°	138.7	87.4	46.2	17.6	4.3	1.7	0.0
-15°	139.0	87.8	46.8	18.1	4.7	1.7	0.0
-17.5°	138.6	87.8	47.0	18.4	5.0	1.8	0.0
-20°	138.2	87.3	47.0	18.7	5.2	1.8	0.0

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CATALOG NUMBER: GFLD-SA3E-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	138.3	86.3	46.6	18.8	5.5	1.9	0.0
-25°	137.6	86.0	45.9	18.8	5.7	1.9	0.0
-27.5°	136.3	85.7	44.8	18.6	5.8	1.9	0.0
-30°	134.3	84.7	43.5	18.4	6.0	1.9	0.0
-32.5°	131.6	83.3	43.0	18.0	6.1	2.0	0.0
-35°	129.1	81.3	42.1	17.5	6.2	2.0	0.0
-37.5°	126.1	79.1	40.8	16.8	6.2	1.9	0.0
-40°	122.5	77.2	39.2	16.0	6.2	1.9	0.0
-42.5°	118.2	74.7	38.0	15.3	6.1	1.9	0.0
-45°	113.1	71.8	37.3	14.7	6.0	1.9	0.0
-47.5°	107.4	68.4	36.1	13.9	5.9	1.8	0.0
-50°	102.4	64.5	34.6	13.7	5.7	1.8	0.0
-52.5°	97.0	60.2	32.7	13.5	5.5	1.7	0.0
-55°	91.0	56.6	30.5	13.1	5.2	1.6	0.0
-57.5°	84.5	52.8	27.8	12.6	4.9	1.6	0.0
-60°	77.4	48.4	25.0	11.9	4.6	1.5	0.0
-62.5°	70.7	43.6	23.2	11.1	4.3	1.4	0.0
-65°	63.2	38.2	21.2	10.1	4.0	1.3	0.0
-67.5°	55.1	33.5	19.0	9.0	3.7	1.2	0.0
-70°	46.5	29.4	16.5	7.7	3.3	1.1	0.0
-72.5°	39.5	24.9	13.9	6.8	3.0	0.9	0.0
-75°	32.4	20.2	11.0	6.0	2.6	0.8	0.0
-77.5°	25.0	15.2	9.1	5.0	2.2	0.7	0.0
-80°	17.3	11.6	7.4	4.1	1.7	0.6	0.0
-82.5°	12.7	8.8	5.6	3.1	1.3	0.4	0.0
-85°	8.6	5.9	3.7	2.1	0.9	0.3	0.0
-87.5°	4.3	3.0	1.9	1.0	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)