

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1D-735-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-735-U-LAM-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

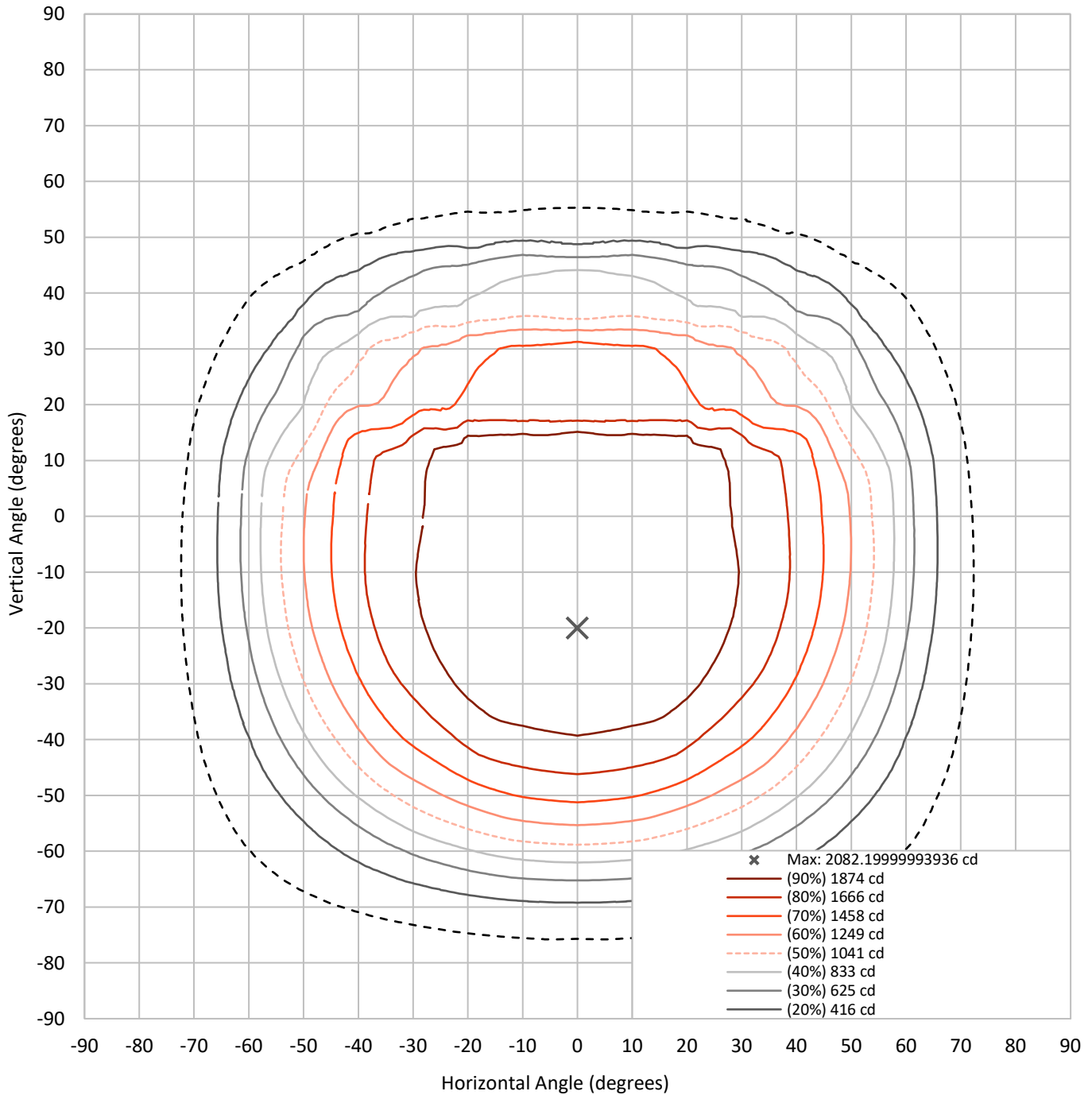
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	4882.2 lumens	Max Intensity:	2082.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	85.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	3816.7 lumens	Field Lumens:	4785.3 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	57.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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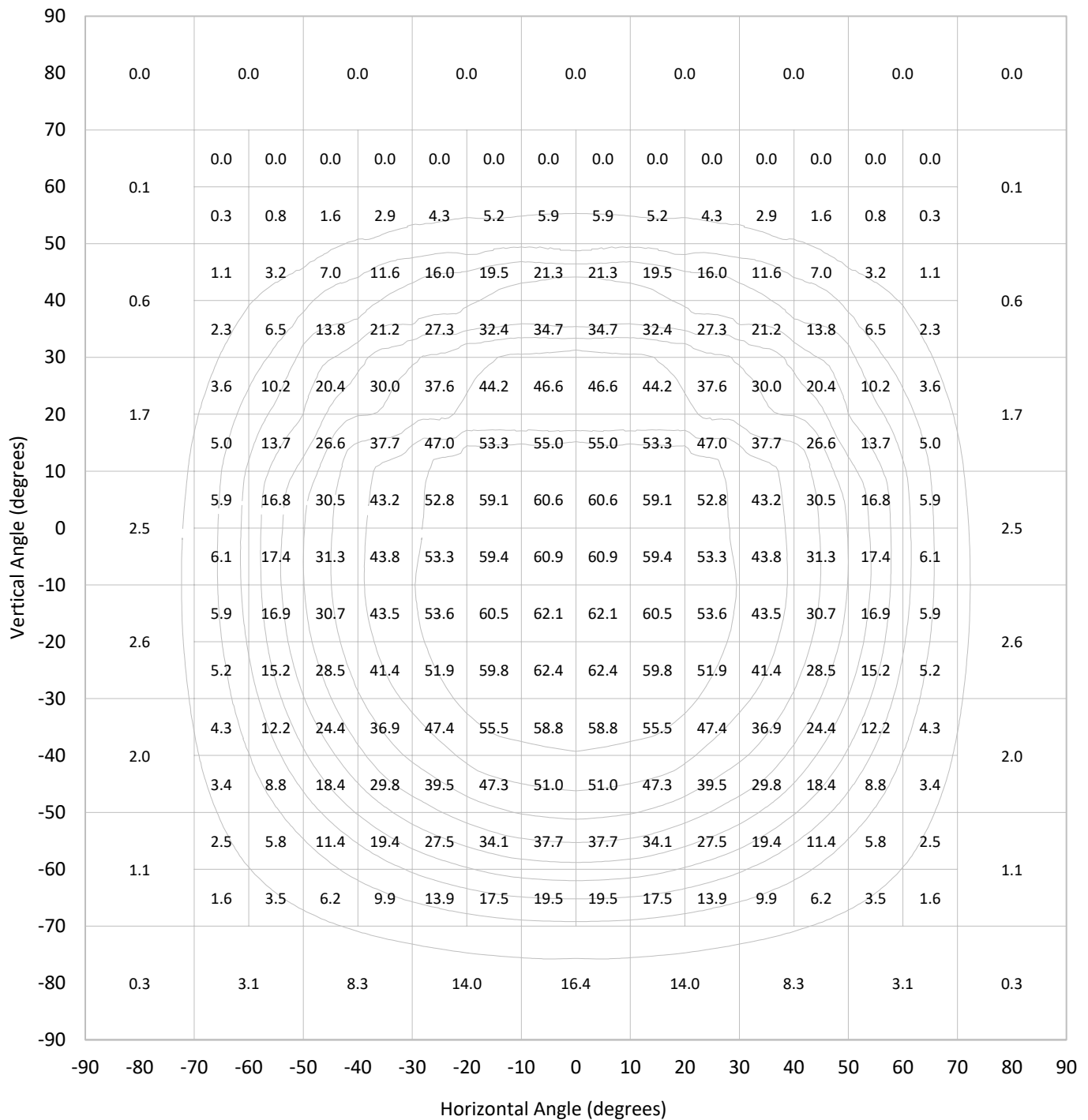
Iso-Candela Plot





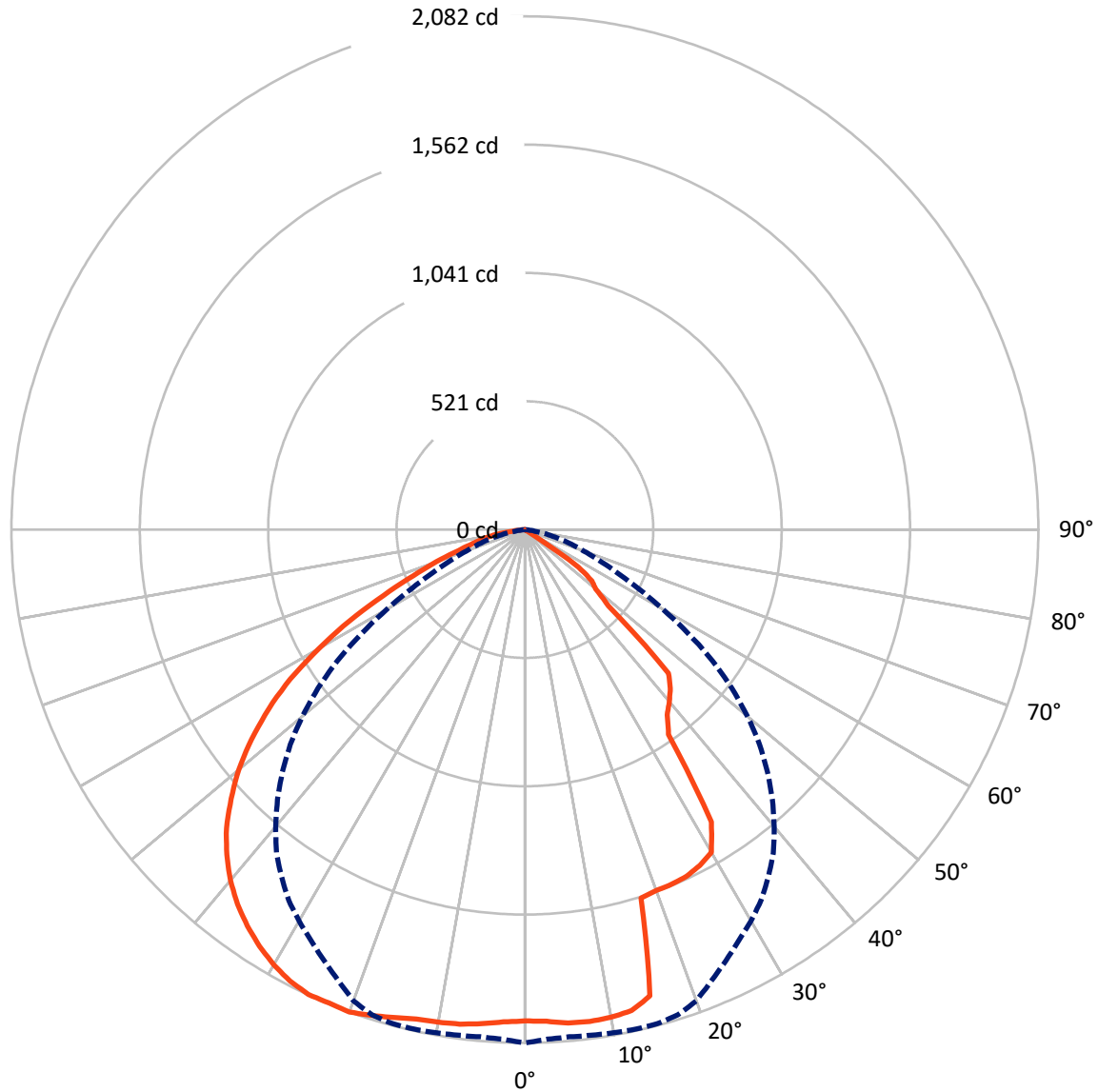
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Lumen Table



REPORT NUMBER: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)
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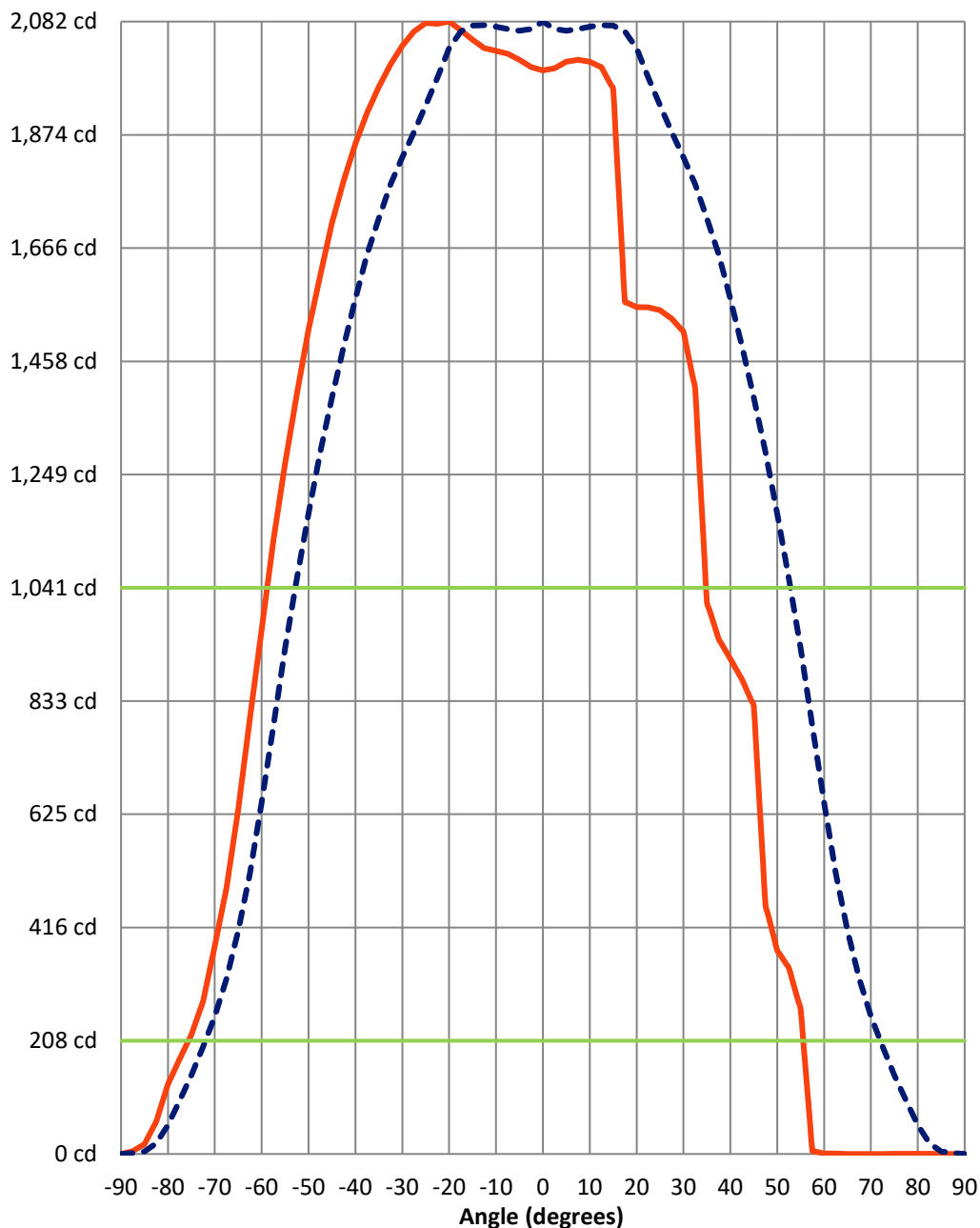
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 3816.7
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 4785.3
 Efficiency: 98.0%

Spill:
 Lumens: 96.9
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -20-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	0.2	0.2	0.2	0.2	0.2
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.4	0.4	0.3
82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.5	0.4
80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.8	0.7	0.5	0.4
77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.8	0.7	0.5	0.4
75°	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.8	0.7	0.6	0.4
72.5°	0.0	0.3	0.6	0.8	0.9	1.0	0.9	0.8	0.7	0.6	0.5
70°	0.0	0.4	0.6	0.9	1.0	1.0	0.9	0.8	0.7	0.6	0.7
67.5°	0.0	0.4	0.7	0.9	1.0	1.0	1.1	0.8	0.7	1.0	1.0
65°	0.0	0.5	0.8	1.0	1.1	1.2	1.2	0.9	1.2	1.4	1.8
62.5°	0.0	0.5	0.9	1.0	1.1	1.5	1.4	1.2	1.7	2.5	3.9
60°	0.0	0.6	1.0	1.1	1.2	1.8	1.7	1.7	2.2	6.2	6.7
57.5°	0.0	0.6	1.0	1.1	1.5	2.1	3.1	2.4	6.1	10.5	12.2
55°	0.0	0.7	1.0	1.2	1.9	2.5	4.9	3.9	11.2	16.2	19.7
52.5°	0.0	0.7	1.1	1.2	2.3	3.2	7.0	9.8	16.9	25.4	28.6
50°	0.0	0.7	1.1	1.2	2.7	5.5	9.4	16.5	24.1	35.7	44.7
47.5°	0.0	0.8	1.2	1.4	3.1	8.0	12.6	23.5	34.7	46.9	61.1
45°	0.0	0.8	1.2	1.7	3.5	10.6	19.0	30.9	46.6	61.2	77.1
42.5°	0.0	0.9	1.3	2.0	4.0	13.4	25.6	40.2	58.6	75.1	95.5
40°	0.0	0.9	1.3	2.5	5.4	16.4	32.3	50.8	71.1	88.7	115.1
37.5°	0.0	0.9	1.4	3.0	7.7	19.5	39.1	61.5	84.2	105.0	135.7
35°	0.0	1.0	1.5	3.6	10.1	24.2	46.1	72.1	97.4	125.1	160.0
32.5°	0.0	1.0	1.5	4.3	12.5	29.7	53.6	82.7	110.8	145.2	189.5
30°	0.0	1.0	1.6	5.0	14.9	35.1	62.2	93.4	124.4	165.5	217.9
27.5°	0.0	1.1	1.6	5.7	17.8	40.5	70.7	104.6	139.3	185.7	245.0
25°	0.0	1.1	1.7	6.5	20.9	45.8	78.9	115.6	156.1	207.7	270.8
22.5°	0.0	1.1	1.7	7.4	23.9	51.2	86.9	126.5	172.5	229.8	297.0
20°	0.0	1.2	1.8	8.2	26.9	56.9	94.7	137.1	188.5	250.6	322.5
17.5°	0.0	1.2	1.9	9.1	29.9	62.5	102.3	147.4	204.1	270.1	347.2
15°	0.0	1.2	1.9	9.9	32.7	67.9	109.7	157.0	219.0	288.4	371.0
12.5°	0.0	1.2	2.0	10.8	35.5	73.1	116.6	165.6	230.9	305.2	393.6
10°	0.0	1.2	2.0	11.7	38.2	77.9	122.9	173.4	239.7	315.4	412.0
7.5°	0.0	1.3	2.1	12.5	40.7	82.4	128.8	180.6	247.3	323.2	422.7
5°	0.0	1.3	2.1	13.3	43.0	86.6	134.1	187.1	253.6	329.5	431.4
2.5°	0.0	1.3	2.2	14.0	45.2	90.4	138.9	192.8	258.7	334.4	438.1
0°	0.0	1.3	2.2	14.7	47.1	93.8	143.1	197.8	262.7	337.8	442.7
-2.5°	0.0	1.4	2.5	15.7	48.9	95.9	145.2	200.7	264.1	342.2	445.7
-5°	0.0	1.5	2.9	16.5	50.4	97.6	146.7	202.8	264.6	345.0	446.7
-7.5°	0.0	1.5	3.2	17.3	51.7	98.8	147.7	204.2	264.3	346.2	445.7
-10°	0.0	1.6	3.5	18.0	52.6	99.6	148.2	204.7	263.2	345.5	442.9
-12.5°	0.0	1.6	3.8	18.6	53.2	99.9	148.1	204.3	261.3	342.7	438.0
-15°	0.0	1.7	4.1	19.0	53.6	99.8	147.5	203.1	259.3	337.3	431.0
-17.5°	0.0	1.8	4.4	19.4	53.5	99.2	146.4	200.7	256.7	330.5	421.8
-20°	0.0	1.8	4.7	19.5	53.1	98.1	144.7	197.2	253.2	322.4	410.5

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1D-735-U-LAM-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	1.8	4.9	19.6	52.4	96.6	142.3	193.0	248.5	313.1	397.0
-25°	0.0	1.9	5.1	19.5	51.3	94.3	139.3	188.1	242.7	302.6	381.5
-27.5°	0.0	1.9	5.2	19.3	49.8	91.4	135.8	182.6	235.8	292.4	367.7
-30°	0.0	1.9	5.4	18.9	47.9	88.1	131.7	176.4	228.3	283.8	353.0
-32.5°	0.0	1.9	5.5	18.3	45.7	84.4	127.1	170.7	220.3	273.8	337.2
-35°	0.0	1.9	5.6	17.6	43.3	80.4	122.0	164.7	211.7	262.6	320.5
-37.5°	0.0	1.9	5.6	16.7	40.7	76.3	116.6	158.0	202.4	250.0	304.0
-40°	0.0	1.9	5.6	15.7	37.7	72.6	110.8	150.7	192.6	238.1	287.7
-42.5°	0.0	1.9	5.6	14.5	35.5	68.6	104.6	142.8	183.1	225.5	270.1
-45°	0.0	1.8	5.5	13.4	34.0	64.4	98.0	134.7	173.4	212.1	252.0
-47.5°	0.0	1.8	5.4	12.1	32.3	59.9	91.0	126.5	162.9	198.1	236.2
-50°	0.0	1.7	5.3	11.7	30.2	55.2	85.2	118.0	151.4	185.2	219.8
-52.5°	0.0	1.7	5.1	11.4	27.9	50.3	79.3	109.1	140.4	171.9	202.9
-55°	0.0	1.6	4.9	11.1	25.3	46.6	73.3	100.0	129.4	158.2	187.9
-57.5°	0.0	1.5	4.7	10.6	22.5	42.8	67.0	92.8	117.9	145.2	172.6
-60°	0.0	1.4	4.4	10.0	19.6	38.6	60.5	84.9	106.5	132.0	157.3
-62.5°	0.0	1.3	4.1	9.3	18.2	34.2	54.7	76.2	95.9	118.4	142.3
-65°	0.0	1.2	3.9	8.5	16.6	29.4	48.4	67.2	84.7	104.7	126.9
-67.5°	0.0	1.1	3.5	7.6	14.9	25.4	41.8	58.3	72.9	90.5	110.3
-70°	0.0	1.0	3.2	6.6	12.9	22.2	34.8	49.2	62.3	75.6	92.7
-72.5°	0.0	0.9	2.8	5.8	10.9	18.8	29.4	39.9	51.5	63.3	75.3
-75°	0.0	0.8	2.5	5.0	8.6	15.2	24.0	32.1	40.6	50.9	61.3
-77.5°	0.0	0.7	2.1	4.2	7.1	11.4	18.4	24.8	31.6	38.8	47.1
-80°	0.0	0.5	1.7	3.4	5.8	8.7	12.6	17.4	22.6	28.2	34.2
-82.5°	0.0	0.4	1.3	2.6	4.4	6.6	9.2	11.2	13.5	17.5	21.7
-85°	0.0	0.3	0.9	1.7	2.9	4.4	6.2	7.5	8.8	10.2	11.6
-87.5°	0.0	0.1	0.4	0.9	1.5	2.2	3.1	3.7	4.4	5.1	5.8
-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: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-LAM-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°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.7	0.7	0.6	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.4
67.5°	0.9	0.7	0.6	0.6	0.6	0.7	0.6	0.5	0.4	0.4	0.4
65°	0.9	0.8	1.1	1.2	0.9	0.8	0.7	0.5	0.6	0.6	0.6
62.5°	1.3	1.7	2.1	3.8	2.8	0.8	1.5	1.7	1.3	1.1	1.1
60°	4.3	3.0	8.8	12.6	7.8	2.8	3.5	11.6	10.1	1.9	6.3
57.5°	9.1	12.5	23.1	23.5	16.2	11.2	32.6	37.7	28.5	16.7	25.5
55°	20.1	30.9	38.3	35.4	38.7	58.6	69.6	62.5	52.7	81.0	103.4
52.5°	39.3	50.3	52.8	60.6	86.7	99.6	95.5	102.1	132.4	164.5	171.4
50°	58.0	67.0	74.0	107.0	127.4	128.7	138.2	168.3	208.7	228.3	223.5
47.5°	76.0	85.4	118.1	149.8	158.9	171.5	195.3	253.2	296.0	296.9	292.1
45°	95.1	120.1	161.8	182.4	197.3	221.7	279.0	359.0	363.1	374.7	446.2
42.5°	115.6	159.2	195.6	217.1	241.2	286.6	363.2	415.6	433.6	484.5	541.9
40°	148.7	197.1	228.8	256.3	287.3	353.6	437.4	486.5	501.2	545.2	588.4
37.5°	182.3	228.7	264.3	297.5	340.4	429.8	526.8	567.3	574.7	582.8	678.5
35°	214.6	261.0	303.7	347.1	399.7	528.5	613.3	651.4	650.2	704.5	804.7
32.5°	244.9	294.2	344.5	402.6	489.4	621.3	706.1	728.9	763.5	842.6	979.3
30°	275.1	331.1	389.0	458.1	568.1	682.4	779.2	816.0	875.2	965.4	1065.0
27.5°	306.2	369.0	438.9	519.9	630.2	735.3	818.0	905.7	963.3	1044.1	1115.0
25°	337.2	409.1	488.3	574.0	674.6	772.5	858.1	959.3	1021.2	1086.4	1152.5
22.5°	369.6	449.8	539.2	616.9	712.0	804.2	906.0	1015.9	1096.3	1137.7	1182.1
20°	403.6	493.8	589.1	675.2	748.9	833.6	954.1	1087.6	1191.4	1238.1	1244.1
17.5°	437.1	536.5	638.9	732.1	811.6	887.0	1004.7	1173.6	1302.7	1346.0	1365.3
15°	469.8	577.5	688.5	787.5	874.8	967.0	1092.6	1264.4	1412.0	1459.9	1490.2
12.5°	501.3	616.6	737.2	841.1	938.0	1041.4	1172.4	1329.7	1464.4	1557.2	1612.8
10°	531.3	653.5	784.5	892.5	1000.5	1110.4	1238.5	1378.4	1488.0	1577.5	1656.5
7.5°	546.4	677.6	825.1	941.4	1061.4	1174.2	1292.6	1412.7	1505.0	1592.8	1669.2
5°	556.7	687.5	837.8	958.4	1093.8	1216.7	1331.7	1435.2	1516.1	1603.2	1677.7
2.5°	564.1	693.9	846.4	967.8	1105.9	1229.9	1343.0	1442.8	1525.3	1610.6	1686.9
0°	568.5	697.0	850.8	973.5	1113.5	1238.5	1349.6	1445.6	1531.4	1614.1	1696.3
-2.5°	571.0	706.3	853.7	988.2	1120.9	1245.9	1358.8	1452.5	1542.1	1620.8	1703.2
-5°	570.7	711.9	853.0	998.2	1124.4	1248.8	1363.3	1455.6	1548.0	1625.8	1706.0
-7.5°	567.7	713.2	849.1	1001.3	1124.5	1247.8	1361.3	1457.1	1547.9	1630.4	1706.3
-10°	562.2	708.1	845.6	993.2	1120.2	1242.7	1355.2	1453.8	1544.2	1629.5	1704.8
-12.5°	555.6	697.8	838.2	981.7	1111.5	1233.3	1345.9	1445.5	1537.4	1622.5	1701.4
-15°	545.9	683.9	826.0	967.0	1098.1	1219.5	1333.7	1431.9	1527.0	1610.3	1691.3
-17.5°	532.7	666.8	808.9	949.6	1080.2	1201.6	1318.2	1414.0	1508.6	1594.7	1672.9
-20°	516.1	646.5	786.6	929.8	1057.3	1177.5	1290.5	1390.8	1484.8	1572.4	1654.5



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 CATALOG NUMBER: GFLD-SA1D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	496.1	623.2	759.8	903.0	1028.9	1147.7	1259.3	1361.2	1458.7	1543.4	1630.9
-25°	476.1	598.5	730.2	866.0	995.8	1114.1	1226.0	1325.3	1425.0	1513.1	1596.2
-27.5°	456.9	569.9	695.8	825.2	958.3	1076.0	1187.0	1286.3	1383.1	1479.4	1559.5
-30°	435.3	536.8	658.1	781.7	911.5	1031.3	1143.1	1246.2	1338.2	1433.4	1519.3
-32.5°	411.5	501.7	618.3	737.2	859.6	982.0	1092.8	1195.2	1290.9	1380.9	1471.2
-35°	388.3	473.3	576.1	689.4	804.5	924.7	1035.5	1136.9	1236.3	1325.4	1411.7
-37.5°	367.4	442.6	531.2	639.5	749.5	863.2	975.9	1074.1	1168.6	1266.6	1350.7
-40°	344.7	409.7	492.4	588.1	691.8	799.9	907.8	1009.4	1098.2	1195.1	1287.6
-42.5°	321.0	382.8	454.1	533.7	631.5	733.5	837.6	937.0	1029.3	1120.6	1212.3
-45°	300.2	354.4	415.1	487.8	567.5	663.3	762.0	861.0	949.6	1036.7	1127.1
-47.5°	278.1	325.8	381.9	440.0	509.3	589.5	682.2	773.5	864.2	947.0	1027.1
-50°	256.2	300.1	346.2	398.5	455.7	520.7	597.7	682.6	765.4	850.4	929.8
-52.5°	237.2	273.0	314.7	358.3	407.3	461.0	522.8	592.5	667.8	740.0	819.1
-55°	217.6	249.8	283.5	321.9	362.6	408.0	458.6	517.2	574.7	641.4	706.0
-57.5°	199.7	226.9	255.5	287.3	322.6	359.0	403.2	448.7	500.9	552.8	604.0
-60°	182.7	205.0	229.3	256.2	284.6	316.9	349.9	389.0	431.1	472.5	515.9
-62.5°	165.7	184.4	204.2	226.5	251.3	275.8	303.9	334.1	365.0	400.1	434.3
-65°	148.1	163.3	180.1	198.6	218.4	239.2	260.8	283.2	309.4	335.1	360.0
-67.5°	129.5	142.5	156.1	170.7	187.3	203.6	219.9	238.7	258.1	277.1	296.9
-70°	108.9	121.1	132.4	144.3	156.6	169.4	183.3	197.2	210.8	225.1	240.9
-72.5°	87.9	99.1	109.1	117.8	128.0	138.6	148.8	158.5	168.8	179.7	190.4
-75°	70.1	77.5	86.4	94.6	102.6	110.1	116.8	125.1	133.7	141.6	148.0
-77.5°	54.7	61.5	67.5	73.0	79.4	86.9	93.5	99.1	104.5	110.5	116.8
-80°	39.8	45.4	51.0	56.0	59.7	63.9	69.0	74.7	79.7	83.7	87.4
-82.5°	25.7	29.8	33.9	38.1	39.8	41.0	42.1	44.1	47.1	50.2	53.1
-85°	12.8	14.0	16.5	19.1	20.0	20.6	21.0	21.3	22.3	23.3	24.1
-87.5°	6.4	7.0	7.6	8.1	7.8	7.4	6.9	6.3	6.2	6.0	5.8
-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: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-LAM-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°	0.3	0.3	0.3	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.0
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
65°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.3	0.2
62.5°	1.1	1.3	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.8
60°	7.0	4.1	2.4	2.8	2.5	1.6	2.1	2.5	2.5	2.3	2.0
57.5°	38.6	28.8	21.3	51.0	51.1	24.4	29.4	46.2	38.1	12.5	11.6
55°	107.5	128.5	169.2	160.7	163.3	187.9	205.2	181.6	178.0	189.7	219.2
52.5°	193.1	213.2	226.9	239.7	255.2	272.0	289.2	300.2	310.4	321.3	327.8
50°	246.6	274.9	294.4	287.2	327.5	343.9	327.2	342.1	360.4	365.4	367.8
47.5°	364.2	405.7	413.9	440.6	464.7	464.1	443.7	444.9	499.2	547.2	570.7
45°	523.3	524.7	550.8	598.1	631.8	621.2	649.7	714.5	736.0	756.9	774.0
42.5°	585.3	611.0	652.7	694.5	719.6	741.5	762.5	786.3	814.3	837.0	855.2
40°	645.4	666.1	708.7	742.4	763.2	783.6	808.2	834.5	860.1	880.1	893.7
37.5°	737.8	753.8	764.2	795.4	834.9	816.7	863.3	896.7	912.0	932.3	934.1
35°	877.6	866.9	853.1	977.3	984.8	942.8	986.4	1038.3	1011.0	1067.9	1098.5
32.5°	1001.5	999.9	1108.4	1173.8	1136.2	1166.9	1267.4	1263.0	1330.0	1361.1	1352.2
30°	1118.3	1158.2	1220.9	1269.6	1276.1	1324.5	1369.1	1408.2	1448.7	1484.9	1487.4
27.5°	1177.6	1229.6	1272.2	1300.4	1331.8	1372.5	1413.0	1457.0	1491.4	1514.2	1519.7
25°	1213.5	1266.6	1298.8	1329.1	1363.8	1399.0	1444.3	1492.3	1519.9	1533.9	1538.4
22.5°	1245.1	1292.8	1327.5	1352.1	1389.4	1427.2	1469.5	1510.1	1540.1	1546.2	1548.5
20°	1275.5	1321.3	1379.3	1415.5	1413.7	1456.2	1497.0	1529.3	1554.3	1554.2	1554.8
17.5°	1363.5	1379.9	1485.0	1564.8	1525.3	1504.4	1616.5	1618.7	1625.3	1612.1	1583.4
15°	1493.9	1523.7	1652.8	1739.3	1712.1	1710.6	1872.5	1832.4	1866.9	1857.9	1896.8
12.5°	1632.0	1667.3	1763.7	1848.7	1889.1	1899.1	1953.1	2003.8	2014.2	2010.1	2002.5
10°	1726.1	1776.3	1815.1	1866.6	1907.4	1949.1	1980.4	2016.8	2028.7	2021.8	2012.0
7.5°	1738.3	1788.0	1833.5	1878.7	1917.6	1951.1	1983.6	2013.2	2025.4	2021.4	2014.6
5°	1746.1	1791.1	1835.2	1881.1	1918.2	1949.3	1981.7	2011.7	2018.9	2014.1	2007.5
2.5°	1750.9	1792.6	1835.1	1880.8	1914.5	1944.1	1976.9	2008.9	2008.8	2006.7	2002.9
0°	1753.2	1795.0	1844.3	1885.7	1923.5	1951.5	1983.9	2015.0	2012.8	2007.0	2000.4
-2.5°	1758.2	1800.6	1850.9	1885.2	1927.8	1953.4	1986.9	2013.9	2012.9	2010.0	2006.7
-5°	1762.6	1810.3	1857.4	1893.4	1936.1	1969.7	2003.0	2024.1	2025.2	2021.3	2015.7
-7.5°	1765.4	1818.2	1863.1	1899.3	1940.7	1979.7	2013.5	2035.6	2036.2	2030.8	2024.2
-10°	1764.5	1820.2	1866.5	1903.9	1946.3	1984.8	2020.1	2048.1	2047.3	2042.3	2036.6
-12.5°	1761.1	1816.8	1864.3	1901.9	1950.0	1989.6	2029.4	2057.3	2058.8	2055.0	2048.9
-15°	1753.8	1811.3	1857.5	1898.5	1945.7	1992.0	2032.9	2063.6	2069.2	2066.0	2061.2
-17.5°	1739.3	1799.9	1849.0	1893.1	1938.4	1987.8	2034.3	2067.9	2075.5	2074.3	2070.2
-20°	1720.3	1782.9	1832.6	1878.9	1928.2	1979.1	2033.2	2063.9	2074.8	2075.5	2072.8



REPORT NUMBER: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1699.0	1760.2	1813.0	1858.4	1911.9	1963.5	2012.4	2048.5	2066.7	2070.2	2070.4
-25°	1673.4	1736.3	1788.8	1837.2	1886.9	1940.1	1989.6	2029.8	2048.3	2057.2	2060.0
-27.5°	1637.2	1702.3	1753.9	1805.1	1855.6	1910.6	1962.6	2006.3	2021.4	2033.6	2038.5
-30°	1594.9	1659.2	1711.8	1758.6	1816.5	1872.5	1926.2	1964.3	1987.0	2001.0	2008.6
-32.5°	1546.1	1611.1	1666.3	1715.1	1770.1	1826.2	1876.7	1916.9	1948.2	1964.3	1972.4
-35°	1493.3	1559.6	1617.4	1668.8	1720.6	1774.0	1826.3	1868.4	1904.2	1918.0	1928.2
-37.5°	1429.5	1502.7	1562.0	1615.1	1664.3	1714.5	1768.9	1817.0	1851.7	1865.1	1875.9
-40°	1364.2	1434.9	1494.7	1551.3	1599.9	1654.8	1707.3	1757.6	1787.7	1803.4	1815.5
-42.5°	1295.2	1359.1	1415.9	1470.9	1525.0	1581.5	1634.0	1686.4	1712.4	1731.2	1746.1
-45°	1215.5	1275.0	1330.2	1381.7	1437.5	1493.0	1545.5	1591.8	1622.8	1647.3	1666.4
-47.5°	1109.4	1181.7	1237.2	1286.2	1341.5	1395.1	1446.0	1489.5	1523.5	1552.2	1574.3
-50°	1001.5	1071.0	1133.6	1188.5	1239.9	1289.4	1337.9	1380.5	1416.4	1447.5	1469.9
-52.5°	895.3	960.4	1022.5	1079.3	1128.6	1175.4	1219.7	1262.5	1300.4	1333.7	1355.4
-55°	775.3	842.7	904.1	957.1	1006.4	1052.6	1096.4	1137.0	1174.3	1208.2	1229.0
-57.5°	662.7	721.9	779.0	827.9	874.5	918.5	959.9	998.8	1034.8	1066.6	1086.7
-60°	559.3	602.4	651.6	696.7	738.0	775.5	814.1	850.4	883.4	911.4	930.1
-62.5°	467.8	503.5	539.0	573.4	606.8	640.5	672.9	703.0	730.5	753.5	769.9
-65°	386.3	415.0	440.7	465.0	488.2	514.8	539.4	562.5	584.0	601.6	614.0
-67.5°	318.1	338.3	356.0	372.7	391.0	409.8	427.3	442.7	455.7	466.2	474.4
-70°	256.5	271.4	284.8	298.1	311.5	323.6	335.3	346.5	357.2	365.9	372.5
-72.5°	200.9	211.1	220.2	230.5	240.1	249.3	257.3	263.8	268.8	273.7	278.0
-75°	153.2	160.8	171.1	179.7	186.9	193.3	199.1	204.3	208.9	212.9	216.5
-77.5°	123.2	129.7	136.2	142.6	148.7	153.2	157.5	161.7	165.9	169.4	172.6
-80°	91.3	96.2	101.2	106.3	111.3	113.9	115.9	117.7	119.4	121.5	123.5
-82.5°	55.8	58.6	61.4	64.2	67.0	67.7	68.0	67.9	67.6	66.8	65.6
-85°	24.8	25.0	24.9	24.6	24.1	23.1	21.9	20.6	19.0	18.8	18.5
-87.5°	5.5	5.4	5.2	5.0	4.8	4.8	4.8	4.8	4.7	4.9	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.2	0.0	0.2	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.2	0.0	0.2	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.4
65°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5
62.5°	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.8	0.8
60°	1.6	1.1	0.9	0.9	0.9	1.1	1.6	2.0	2.3	2.5	2.5
57.5°	9.8	7.4	6.3	5.8	6.3	7.4	9.8	11.6	12.5	38.1	46.2
55°	240.2	252.5	261.6	265.8	261.6	252.5	240.2	219.2	189.7	178.0	181.6
52.5°	333.6	338.9	341.9	341.8	341.9	338.9	333.6	327.8	321.3	310.4	300.2
50°	371.8	374.4	375.3	374.7	375.3	374.4	371.8	367.8	365.4	360.4	342.1
47.5°	549.2	501.6	466.7	458.3	466.7	501.6	549.2	570.7	547.2	499.2	444.9
45°	782.1	800.2	818.1	823.7	818.1	800.2	782.1	774.0	756.9	736.0	714.5
42.5°	862.8	868.7	872.0	872.2	872.0	868.7	862.8	855.2	837.0	814.3	786.3
40°	901.3	906.9	910.1	910.4	910.1	906.9	901.3	893.7	880.1	860.1	834.5
37.5°	936.3	941.0	944.1	947.3	944.1	941.0	936.3	934.1	932.3	912.0	896.7
35°	1094.3	1058.5	1007.1	1014.9	1007.1	1058.5	1094.3	1098.5	1067.9	1011.0	1038.3
32.5°	1366.1	1381.1	1390.5	1406.5	1390.5	1381.1	1366.1	1352.2	1361.1	1330.0	1263.0
30°	1491.4	1496.4	1503.9	1511.8	1503.9	1496.4	1491.4	1487.4	1484.9	1448.7	1408.2
27.5°	1522.7	1527.8	1532.4	1535.8	1532.4	1527.8	1522.7	1519.7	1514.2	1491.4	1457.0
25°	1539.1	1542.3	1547.1	1551.4	1547.1	1542.3	1539.1	1538.4	1533.9	1519.9	1492.3
22.5°	1547.2	1547.5	1551.3	1556.7	1551.3	1547.5	1547.2	1548.5	1546.2	1540.1	1510.1
20°	1552.8	1549.8	1553.7	1557.2	1553.7	1549.8	1552.8	1554.8	1554.2	1554.3	1529.3
17.5°	1623.8	1583.3	1566.6	1567.0	1566.6	1583.3	1623.8	1583.4	1612.1	1625.3	1618.7
15°	1853.1	1868.3	1926.6	1958.1	1926.6	1868.3	1853.1	1896.8	1857.9	1866.9	1832.4
12.5°	2001.0	1995.6	1988.7	1998.1	1988.7	1995.6	2001.0	2002.5	2010.1	2014.2	2003.8
10°	2007.9	2007.3	1994.9	2008.4	1994.9	2007.3	2007.9	2012.0	2021.8	2028.7	2016.8
7.5°	2003.7	2004.1	1998.8	2011.9	1998.8	2004.1	2003.7	2014.6	2021.4	2025.4	2013.2
5°	2006.5	1997.4	2000.9	2008.4	2000.9	1997.4	2006.5	2007.5	2014.1	2018.9	2011.7
2.5°	1998.7	1997.8	1991.1	1996.4	1991.1	1997.8	1998.7	2002.9	2006.7	2008.8	2008.9
0°	1992.8	1987.9	1987.9	1992.4	1987.9	1987.9	1992.8	2000.4	2007.0	2012.8	2015.0
-2.5°	2003.3	2002.3	2001.7	1998.6	2001.7	2002.3	2003.3	2006.7	2010.0	2012.9	2013.9
-5°	2011.9	2009.3	2002.0	2011.9	2002.0	2009.3	2011.9	2015.7	2021.3	2025.2	2024.1
-7.5°	2021.2	2014.5	2007.6	2023.0	2007.6	2014.5	2021.2	2024.2	2030.8	2036.2	2035.6
-10°	2029.8	2020.0	2013.3	2028.4	2013.3	2020.0	2029.8	2036.6	2042.3	2047.3	2048.1
-12.5°	2041.0	2029.5	2025.1	2033.3	2025.1	2029.5	2041.0	2048.9	2055.0	2058.8	2057.3
-15°	2053.0	2045.0	2044.0	2048.8	2044.0	2045.0	2053.0	2061.2	2066.0	2069.2	2063.6
-17.5°	2063.5	2057.9	2060.6	2066.2	2060.6	2057.9	2063.5	2070.2	2074.3	2075.5	2067.9
-20°	2068.5	2065.4	2068.5	2082.2	2068.5	2065.4	2068.5	2072.8	2075.5	2074.8	2063.9



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 CATALOG NUMBER: GFLD-SA1D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2068.1	2068.3	2073.7	2078.2	2073.7	2068.3	2068.1	2070.4	2070.2	2066.7	2048.5
-25°	2060.1	2064.3	2070.5	2079.5	2070.5	2064.3	2060.1	2060.0	2057.2	2048.3	2029.8
-27.5°	2041.1	2048.0	2054.5	2063.9	2054.5	2048.0	2041.1	2038.5	2033.6	2021.4	2006.3
-30°	2013.6	2021.8	2027.6	2037.7	2027.6	2021.8	2013.6	2008.6	2001.0	1987.0	1964.3
-32.5°	1980.1	1989.4	1996.3	2003.5	1996.3	1989.4	1980.1	1972.4	1964.3	1948.2	1916.9
-35°	1938.3	1948.3	1955.6	1962.1	1955.6	1948.3	1938.3	1928.2	1918.0	1904.2	1868.4
-37.5°	1888.0	1898.8	1907.1	1914.6	1907.1	1898.8	1888.0	1875.9	1865.1	1851.7	1817.0
-40°	1829.4	1840.4	1849.3	1857.7	1849.3	1840.4	1829.4	1815.5	1803.4	1787.7	1757.6
-42.5°	1760.9	1772.1	1781.3	1789.7	1781.3	1772.1	1760.9	1746.1	1731.2	1712.4	1686.4
-45°	1681.8	1693.3	1703.0	1711.9	1703.0	1693.3	1681.8	1666.4	1647.3	1622.8	1591.8
-47.5°	1590.6	1602.9	1611.2	1615.4	1611.2	1602.9	1590.6	1574.3	1552.2	1523.5	1489.5
-50°	1486.2	1498.5	1508.4	1515.8	1508.4	1498.5	1486.2	1469.9	1447.5	1416.4	1380.5
-52.5°	1371.2	1382.9	1391.5	1396.7	1391.5	1382.9	1371.2	1355.4	1333.7	1300.4	1262.5
-55°	1245.4	1257.6	1265.8	1269.6	1265.8	1257.6	1245.4	1229.0	1208.2	1174.3	1137.0
-57.5°	1102.6	1114.2	1122.9	1127.8	1122.9	1114.2	1102.6	1086.7	1066.6	1034.8	998.8
-60°	944.6	955.1	961.6	964.2	961.6	955.1	944.6	930.1	911.4	883.4	850.4
-62.5°	783.1	792.9	799.1	801.5	799.1	792.9	783.1	769.9	753.5	730.5	703.0
-65°	623.3	629.5	633.0	633.5	633.0	629.5	623.3	614.0	601.6	584.0	562.5
-67.5°	480.9	485.6	488.4	489.4	488.4	485.6	480.9	474.4	466.2	455.7	442.7
-70°	377.3	380.6	382.4	382.7	382.4	380.6	377.3	372.5	365.9	357.2	346.5
-72.5°	281.3	283.7	282.8	280.9	282.8	283.7	281.3	278.0	273.7	268.8	263.8
-75°	219.5	222.1	221.0	219.2	221.0	222.1	219.5	216.5	212.9	208.9	204.3
-77.5°	175.3	177.7	176.5	174.7	176.5	177.7	175.3	172.6	169.4	165.9	161.7
-80°	125.2	126.6	127.5	128.0	127.5	126.6	125.2	123.5	121.5	119.4	117.7
-82.5°	64.1	62.2	61.0	59.6	61.0	62.2	64.1	65.6	66.8	67.6	67.9
-85°	18.1	17.7	18.0	18.2	18.0	17.7	18.1	18.5	18.8	19.0	20.6
-87.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.9	4.7	4.8
-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: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.2	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
65°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5
62.5°	0.9	0.9	1.0	1.0	1.0	1.3	1.1	1.1	1.1	1.3	1.7
60°	2.1	1.6	2.5	2.8	2.4	4.1	7.0	6.3	1.9	10.1	11.6
57.5°	29.4	24.4	51.1	51.0	21.3	28.8	38.6	25.5	16.7	28.5	37.7
55°	205.2	187.9	163.3	160.7	169.2	128.5	107.5	103.4	81.0	52.7	62.5
52.5°	289.2	272.0	255.2	239.7	226.9	213.2	193.1	171.4	164.5	132.4	102.1
50°	327.2	343.9	327.5	287.2	294.4	274.9	246.6	223.5	228.3	208.7	168.3
47.5°	443.7	464.1	464.7	440.6	413.9	405.7	364.2	292.1	296.9	296.0	253.2
45°	649.7	621.2	631.8	598.1	550.8	524.7	523.3	446.2	374.7	363.1	359.0
42.5°	762.5	741.5	719.6	694.5	652.7	611.0	585.3	541.9	484.5	433.6	415.6
40°	808.2	783.6	763.2	742.4	708.7	666.1	645.4	588.4	545.2	501.2	486.5
37.5°	863.3	816.7	834.9	795.4	764.2	753.8	737.8	678.5	582.8	574.7	567.3
35°	986.4	942.8	984.8	977.3	853.1	866.9	877.6	804.7	704.5	650.2	651.4
32.5°	1267.4	1166.9	1136.2	1173.8	1108.4	999.9	1001.5	979.3	842.6	763.5	728.9
30°	1369.1	1324.5	1276.1	1269.6	1220.9	1158.2	1118.3	1065.0	965.4	875.2	816.0
27.5°	1413.0	1372.5	1331.8	1300.4	1272.2	1229.6	1177.6	1115.0	1044.1	963.3	905.7
25°	1444.3	1399.0	1363.8	1329.1	1298.8	1266.6	1213.5	1152.5	1086.4	1021.2	959.3
22.5°	1469.5	1427.2	1389.4	1352.1	1327.5	1292.8	1245.1	1182.1	1137.7	1096.3	1015.9
20°	1497.0	1456.2	1413.7	1415.5	1379.3	1321.3	1275.5	1244.1	1238.1	1191.4	1087.6
17.5°	1616.5	1504.4	1525.3	1564.8	1485.0	1379.9	1363.5	1365.3	1346.0	1302.7	1173.6
15°	1872.5	1710.6	1712.1	1739.3	1652.8	1523.7	1493.9	1490.2	1459.9	1412.0	1264.4
12.5°	1953.1	1899.1	1889.1	1848.7	1763.7	1667.3	1632.0	1612.8	1557.2	1464.4	1329.7
10°	1980.4	1949.1	1907.4	1866.6	1815.1	1776.3	1726.1	1656.5	1577.5	1488.0	1378.4
7.5°	1983.6	1951.1	1917.6	1878.7	1833.5	1788.0	1738.3	1669.2	1592.8	1505.0	1412.7
5°	1981.7	1949.3	1918.2	1881.1	1835.2	1791.1	1746.1	1677.7	1603.2	1516.1	1435.2
2.5°	1976.9	1944.1	1914.5	1880.8	1835.1	1792.6	1750.9	1686.9	1610.6	1525.3	1442.8
0°	1983.9	1951.5	1923.5	1885.7	1844.3	1795.0	1753.2	1696.3	1614.1	1531.4	1445.6
-2.5°	1986.9	1953.4	1927.8	1885.2	1850.9	1800.6	1758.2	1703.2	1620.8	1542.1	1452.5
-5°	2003.0	1969.7	1936.1	1893.4	1857.4	1810.3	1762.6	1706.0	1625.8	1548.0	1455.6
-7.5°	2013.5	1979.7	1940.7	1899.3	1863.1	1818.2	1765.4	1706.3	1630.4	1547.9	1457.1
-10°	2020.1	1984.8	1946.3	1903.9	1866.5	1820.2	1764.5	1704.8	1629.5	1544.2	1453.8
-12.5°	2029.4	1989.6	1950.0	1901.9	1864.3	1816.8	1761.1	1701.4	1622.5	1537.4	1445.5
-15°	2032.9	1992.0	1945.7	1898.5	1857.5	1811.3	1753.8	1691.3	1610.3	1527.0	1431.9
-17.5°	2034.3	1987.8	1938.4	1893.1	1849.0	1799.9	1739.3	1672.9	1594.7	1508.6	1414.0
-20°	2033.2	1979.1	1928.2	1878.9	1832.6	1782.9	1720.3	1654.5	1572.4	1484.8	1390.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2012.4	1963.5	1911.9	1858.4	1813.0	1760.2	1699.0	1630.9	1543.4	1458.7	1361.2
-25°	1989.6	1940.1	1886.9	1837.2	1788.8	1736.3	1673.4	1596.2	1513.1	1425.0	1325.3
-27.5°	1962.6	1910.6	1855.6	1805.1	1753.9	1702.3	1637.2	1559.5	1479.4	1383.1	1286.3
-30°	1926.2	1872.5	1816.5	1758.6	1711.8	1659.2	1594.9	1519.3	1433.4	1338.2	1246.2
-32.5°	1876.7	1826.2	1770.1	1715.1	1666.3	1611.1	1546.1	1471.2	1380.9	1290.9	1195.2
-35°	1826.3	1774.0	1720.6	1668.8	1617.4	1559.6	1493.3	1411.7	1325.4	1236.3	1136.9
-37.5°	1768.9	1714.5	1664.3	1615.1	1562.0	1502.7	1429.5	1350.7	1266.6	1168.6	1074.1
-40°	1707.3	1654.8	1599.9	1551.3	1494.7	1434.9	1364.2	1287.6	1195.1	1098.2	1009.4
-42.5°	1634.0	1581.5	1525.0	1470.9	1415.9	1359.1	1295.2	1212.3	1120.6	1029.3	937.0
-45°	1545.5	1493.0	1437.5	1381.7	1330.2	1275.0	1215.5	1127.1	1036.7	949.6	861.0
-47.5°	1446.0	1395.1	1341.5	1286.2	1237.2	1181.7	1109.4	1027.1	947.0	864.2	773.5
-50°	1337.9	1289.4	1239.9	1188.5	1133.6	1071.0	1001.5	929.8	850.4	765.4	682.6
-52.5°	1219.7	1175.4	1128.6	1079.3	1022.5	960.4	895.3	819.1	740.0	667.8	592.5
-55°	1096.4	1052.6	1006.4	957.1	904.1	842.7	775.3	706.0	641.4	574.7	517.2
-57.5°	959.9	918.5	874.5	827.9	779.0	721.9	662.7	604.0	552.8	500.9	448.7
-60°	814.1	775.5	738.0	696.7	651.6	602.4	559.3	515.9	472.5	431.1	389.0
-62.5°	672.9	640.5	606.8	573.4	539.0	503.5	467.8	434.3	400.1	365.0	334.1
-65°	539.4	514.8	488.2	465.0	440.7	415.0	386.3	360.0	335.1	309.4	283.2
-67.5°	427.3	409.8	391.0	372.7	356.0	338.3	318.1	296.9	277.1	258.1	238.7
-70°	335.3	323.6	311.5	298.1	284.8	271.4	256.5	240.9	225.1	210.8	197.2
-72.5°	257.3	249.3	240.1	230.5	220.2	211.1	200.9	190.4	179.7	168.8	158.5
-75°	199.1	193.3	186.9	179.7	171.1	160.8	153.2	148.0	141.6	133.7	125.1
-77.5°	157.5	153.2	148.7	142.6	136.2	129.7	123.2	116.8	110.5	104.5	99.1
-80°	115.9	113.9	111.3	106.3	101.2	96.2	91.3	87.4	83.7	79.7	74.7
-82.5°	68.0	67.7	67.0	64.2	61.4	58.6	55.8	53.1	50.2	47.1	44.1
-85°	21.9	23.1	24.1	24.6	24.9	25.0	24.8	24.1	23.3	22.3	21.3
-87.5°	4.8	4.8	4.8	5.0	5.2	5.4	5.5	5.8	6.0	6.2	6.3
-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: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-LAM-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.5
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.7	0.7
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.7	0.8
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.7	0.8
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.7	0.8
72.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.8
70°	0.5	0.4	0.4	0.5	0.6	0.7	0.7	0.7	0.6	0.7	0.8
67.5°	0.6	0.7	0.6	0.6	0.6	0.7	0.9	1.0	1.0	0.7	0.8
65°	0.7	0.8	0.9	1.2	1.1	0.8	0.9	1.8	1.4	1.2	0.9
62.5°	1.5	0.8	2.8	3.8	2.1	1.7	1.3	3.9	2.5	1.7	1.2
60°	3.5	2.8	7.8	12.6	8.8	3.0	4.3	6.7	6.2	2.2	1.7
57.5°	32.6	11.2	16.2	23.5	23.1	12.5	9.1	12.2	10.5	6.1	2.4
55°	69.6	58.6	38.7	35.4	38.3	30.9	20.1	19.7	16.2	11.2	3.9
52.5°	95.5	99.6	86.7	60.6	52.8	50.3	39.3	28.6	25.4	16.9	9.8
50°	138.2	128.7	127.4	107.0	74.0	67.0	58.0	44.7	35.7	24.1	16.5
47.5°	195.3	171.5	158.9	149.8	118.1	85.4	76.0	61.1	46.9	34.7	23.5
45°	279.0	221.7	197.3	182.4	161.8	120.1	95.1	77.1	61.2	46.6	30.9
42.5°	363.2	286.6	241.2	217.1	195.6	159.2	115.6	95.5	75.1	58.6	40.2
40°	437.4	353.6	287.3	256.3	228.8	197.1	148.7	115.1	88.7	71.1	50.8
37.5°	526.8	429.8	340.4	297.5	264.3	228.7	182.3	135.7	105.0	84.2	61.5
35°	613.3	528.5	399.7	347.1	303.7	261.0	214.6	160.0	125.1	97.4	72.1
32.5°	706.1	621.3	489.4	402.6	344.5	294.2	244.9	189.5	145.2	110.8	82.7
30°	779.2	682.4	568.1	458.1	389.0	331.1	275.1	217.9	165.5	124.4	93.4
27.5°	818.0	735.3	630.2	519.9	438.9	369.0	306.2	245.0	185.7	139.3	104.6
25°	858.1	772.5	674.6	574.0	488.3	409.1	337.2	270.8	207.7	156.1	115.6
22.5°	906.0	804.2	712.0	616.9	539.2	449.8	369.6	297.0	229.8	172.5	126.5
20°	954.1	833.6	748.9	675.2	589.1	493.8	403.6	322.5	250.6	188.5	137.1
17.5°	1004.7	887.0	811.6	732.1	638.9	536.5	437.1	347.2	270.1	204.1	147.4
15°	1092.6	967.0	874.8	787.5	688.5	577.5	469.8	371.0	288.4	219.0	157.0
12.5°	1172.4	1041.4	938.0	841.1	737.2	616.6	501.3	393.6	305.2	230.9	165.6
10°	1238.5	1110.4	1000.5	892.5	784.5	653.5	531.3	412.0	315.4	239.7	173.4
7.5°	1292.6	1174.2	1061.4	941.4	825.1	677.6	546.4	422.7	323.2	247.3	180.6
5°	1331.7	1216.7	1093.8	958.4	837.8	687.5	556.7	431.4	329.5	253.6	187.1
2.5°	1343.0	1229.9	1105.9	967.8	846.4	693.9	564.1	438.1	334.4	258.7	192.8
0°	1349.6	1238.5	1113.5	973.5	850.8	697.0	568.5	442.7	337.8	262.7	197.8
-2.5°	1358.8	1245.9	1120.9	988.2	853.7	706.3	571.0	445.7	342.2	264.1	200.7
-5°	1363.3	1248.8	1124.4	998.2	853.0	711.9	570.7	446.7	345.0	264.6	202.8
-7.5°	1361.3	1247.8	1124.5	1001.3	849.1	713.2	567.7	445.7	346.2	264.3	204.2
-10°	1355.2	1242.7	1120.2	993.2	845.6	708.1	562.2	442.9	345.5	263.2	204.7
-12.5°	1345.9	1233.3	1111.5	981.7	838.2	697.8	555.6	438.0	342.7	261.3	204.3
-15°	1333.7	1219.5	1098.1	967.0	826.0	683.9	545.9	431.0	337.3	259.3	203.1
-17.5°	1318.2	1201.6	1080.2	949.6	808.9	666.8	532.7	421.8	330.5	256.7	200.7
-20°	1290.5	1177.5	1057.3	929.8	786.6	646.5	516.1	410.5	322.4	253.2	197.2



REPORT NUMBER: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1259.3	1147.7	1028.9	903.0	759.8	623.2	496.1	397.0	313.1	248.5	193.0
-25°	1226.0	1114.1	995.8	866.0	730.2	598.5	476.1	381.5	302.6	242.7	188.1
-27.5°	1187.0	1076.0	958.3	825.2	695.8	569.9	456.9	367.7	292.4	235.8	182.6
-30°	1143.1	1031.3	911.5	781.7	658.1	536.8	435.3	353.0	283.8	228.3	176.4
-32.5°	1092.8	982.0	859.6	737.2	618.3	501.7	411.5	337.2	273.8	220.3	170.7
-35°	1035.5	924.7	804.5	689.4	576.1	473.3	388.3	320.5	262.6	211.7	164.7
-37.5°	975.9	863.2	749.5	639.5	531.2	442.6	367.4	304.0	250.0	202.4	158.0
-40°	907.8	799.9	691.8	588.1	492.4	409.7	344.7	287.7	238.1	192.6	150.7
-42.5°	837.6	733.5	631.5	533.7	454.1	382.8	321.0	270.1	225.5	183.1	142.8
-45°	762.0	663.3	567.5	487.8	415.1	354.4	300.2	252.0	212.1	173.4	134.7
-47.5°	682.2	589.5	509.3	440.0	381.9	325.8	278.1	236.2	198.1	162.9	126.5
-50°	597.7	520.7	455.7	398.5	346.2	300.1	256.2	219.8	185.2	151.4	118.0
-52.5°	522.8	461.0	407.3	358.3	314.7	273.0	237.2	202.9	171.9	140.4	109.1
-55°	458.6	408.0	362.6	321.9	283.5	249.8	217.6	187.9	158.2	129.4	100.0
-57.5°	403.2	359.0	322.6	287.3	255.5	226.9	199.7	172.6	145.2	117.9	92.8
-60°	349.9	316.9	284.6	256.2	229.3	205.0	182.7	157.3	132.0	106.5	84.9
-62.5°	303.9	275.8	251.3	226.5	204.2	184.4	165.7	142.3	118.4	95.9	76.2
-65°	260.8	239.2	218.4	198.6	180.1	163.3	148.1	126.9	104.7	84.7	67.2
-67.5°	219.9	203.6	187.3	170.7	156.1	142.5	129.5	110.3	90.5	72.9	58.3
-70°	183.3	169.4	156.6	144.3	132.4	121.1	108.9	92.7	75.6	62.3	49.2
-72.5°	148.8	138.6	128.0	117.8	109.1	99.1	87.9	75.3	63.3	51.5	39.9
-75°	116.8	110.1	102.6	94.6	86.4	77.5	70.1	61.3	50.9	40.6	32.1
-77.5°	93.5	86.9	79.4	73.0	67.5	61.5	54.7	47.1	38.8	31.6	24.8
-80°	69.0	63.9	59.7	56.0	51.0	45.4	39.8	34.2	28.2	22.6	17.4
-82.5°	42.1	41.0	39.8	38.1	33.9	29.8	25.7	21.7	17.5	13.5	11.2
-85°	21.0	20.6	20.0	19.1	16.5	14.0	12.8	11.6	10.2	8.8	7.5
-87.5°	6.9	7.4	7.8	8.1	7.6	7.0	6.4	5.8	5.1	4.4	3.7
-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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Scaled Data Report



REPORT NUMBER: P645337 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-735-U-LAM-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°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
75°	0.9	0.9	0.9	0.7	0.5	0.3	0.0
72.5°	0.9	1.0	0.9	0.8	0.6	0.3	0.0
70°	0.9	1.0	1.0	0.9	0.6	0.4	0.0
67.5°	1.1	1.0	1.0	0.9	0.7	0.4	0.0
65°	1.2	1.2	1.1	1.0	0.8	0.5	0.0
62.5°	1.4	1.5	1.1	1.0	0.9	0.5	0.0
60°	1.7	1.8	1.2	1.1	1.0	0.6	0.0
57.5°	3.1	2.1	1.5	1.1	1.0	0.6	0.0
55°	4.9	2.5	1.9	1.2	1.0	0.7	0.0
52.5°	7.0	3.2	2.3	1.2	1.1	0.7	0.0
50°	9.4	5.5	2.7	1.2	1.1	0.7	0.0
47.5°	12.6	8.0	3.1	1.4	1.2	0.8	0.0
45°	19.0	10.6	3.5	1.7	1.2	0.8	0.0
42.5°	25.6	13.4	4.0	2.0	1.3	0.9	0.0
40°	32.3	16.4	5.4	2.5	1.3	0.9	0.0
37.5°	39.1	19.5	7.7	3.0	1.4	0.9	0.0
35°	46.1	24.2	10.1	3.6	1.5	1.0	0.0
32.5°	53.6	29.7	12.5	4.3	1.5	1.0	0.0
30°	62.2	35.1	14.9	5.0	1.6	1.0	0.0
27.5°	70.7	40.5	17.8	5.7	1.6	1.1	0.0
25°	78.9	45.8	20.9	6.5	1.7	1.1	0.0
22.5°	86.9	51.2	23.9	7.4	1.7	1.1	0.0
20°	94.7	56.9	26.9	8.2	1.8	1.2	0.0
17.5°	102.3	62.5	29.9	9.1	1.9	1.2	0.0
15°	109.7	67.9	32.7	9.9	1.9	1.2	0.0
12.5°	116.6	73.1	35.5	10.8	2.0	1.2	0.0
10°	122.9	77.9	38.2	11.7	2.0	1.2	0.0
7.5°	128.8	82.4	40.7	12.5	2.1	1.3	0.0
5°	134.1	86.6	43.0	13.3	2.1	1.3	0.0
2.5°	138.9	90.4	45.2	14.0	2.2	1.3	0.0
0°	143.1	93.8	47.1	14.7	2.2	1.3	0.0
-2.5°	145.2	95.9	48.9	15.7	2.5	1.4	0.0
-5°	146.7	97.6	50.4	16.5	2.9	1.5	0.0
-7.5°	147.7	98.8	51.7	17.3	3.2	1.5	0.0
-10°	148.2	99.6	52.6	18.0	3.5	1.6	0.0
-12.5°	148.1	99.9	53.2	18.6	3.8	1.6	0.0
-15°	147.5	99.8	53.6	19.0	4.1	1.7	0.0
-17.5°	146.4	99.2	53.5	19.4	4.4	1.8	0.0
-20°	144.7	98.1	53.1	19.5	4.7	1.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	142.3	96.6	52.4	19.6	4.9	1.8	0.0
-25°	139.3	94.3	51.3	19.5	5.1	1.9	0.0
-27.5°	135.8	91.4	49.8	19.3	5.2	1.9	0.0
-30°	131.7	88.1	47.9	18.9	5.4	1.9	0.0
-32.5°	127.1	84.4	45.7	18.3	5.5	1.9	0.0
-35°	122.0	80.4	43.3	17.6	5.6	1.9	0.0
-37.5°	116.6	76.3	40.7	16.7	5.6	1.9	0.0
-40°	110.8	72.6	37.7	15.7	5.6	1.9	0.0
-42.5°	104.6	68.6	35.5	14.5	5.6	1.9	0.0
-45°	98.0	64.4	34.0	13.4	5.5	1.8	0.0
-47.5°	91.0	59.9	32.3	12.1	5.4	1.8	0.0
-50°	85.2	55.2	30.2	11.7	5.3	1.7	0.0
-52.5°	79.3	50.3	27.9	11.4	5.1	1.7	0.0
-55°	73.3	46.6	25.3	11.1	4.9	1.6	0.0
-57.5°	67.0	42.8	22.5	10.6	4.7	1.5	0.0
-60°	60.5	38.6	19.6	10.0	4.4	1.4	0.0
-62.5°	54.7	34.2	18.2	9.3	4.1	1.3	0.0
-65°	48.4	29.4	16.6	8.5	3.9	1.2	0.0
-67.5°	41.8	25.4	14.9	7.6	3.5	1.1	0.0
-70°	34.8	22.2	12.9	6.6	3.2	1.0	0.0
-72.5°	29.4	18.8	10.9	5.8	2.8	0.9	0.0
-75°	24.0	15.2	8.6	5.0	2.5	0.8	0.0
-77.5°	18.4	11.4	7.1	4.2	2.1	0.7	0.0
-80°	12.6	8.7	5.8	3.4	1.7	0.5	0.0
-82.5°	9.2	6.6	4.4	2.6	1.3	0.4	0.0
-85°	6.2	4.4	2.9	1.7	0.9	0.3	0.0
-87.5°	3.1	2.2	1.5	0.9	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)