

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: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-735-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-735-U-VWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N148
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

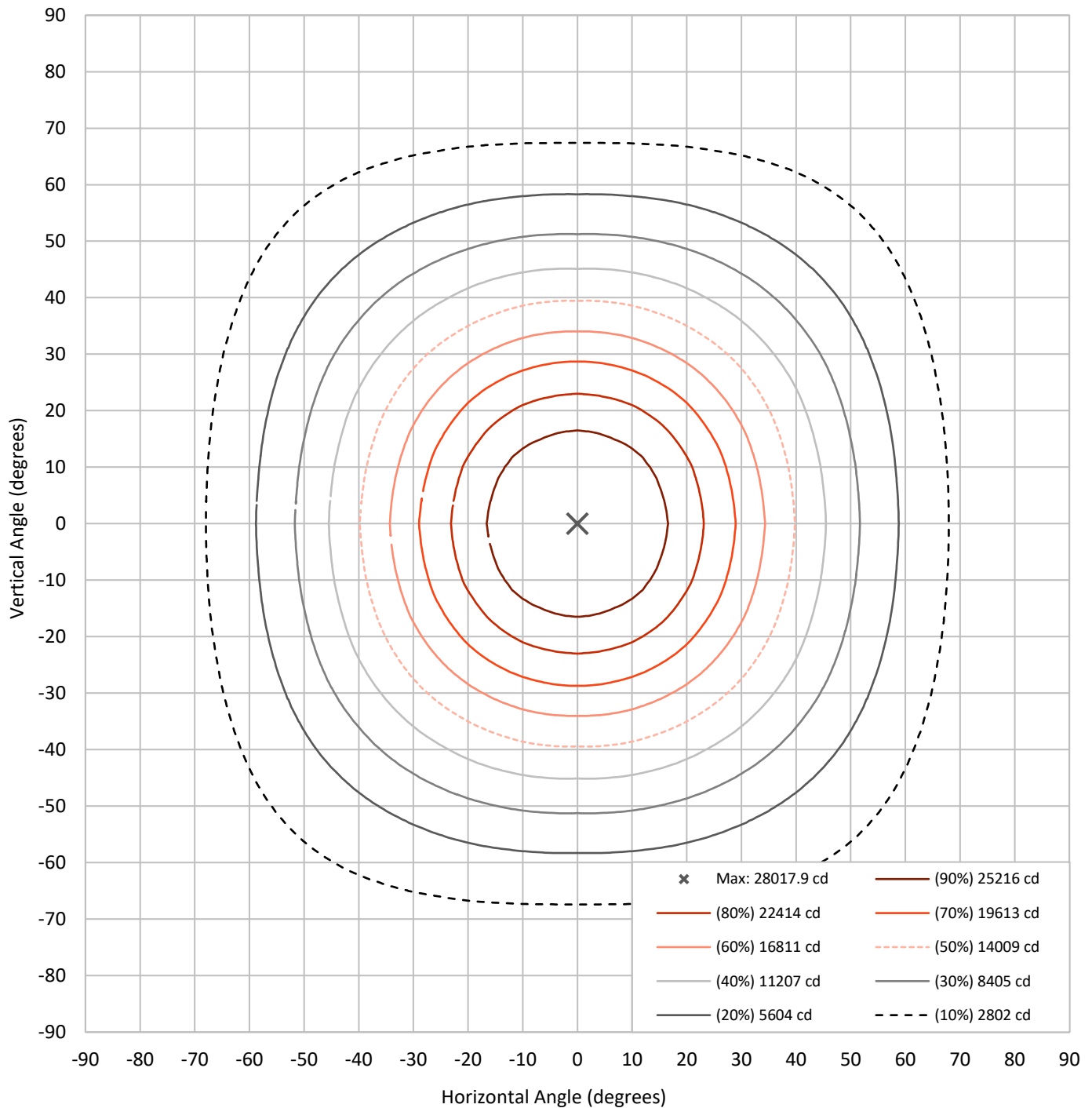
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	50639.8 lumens	Max Intensity:	28017.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	29700.5 lumens	Field Lumens:	48276.4 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	376.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





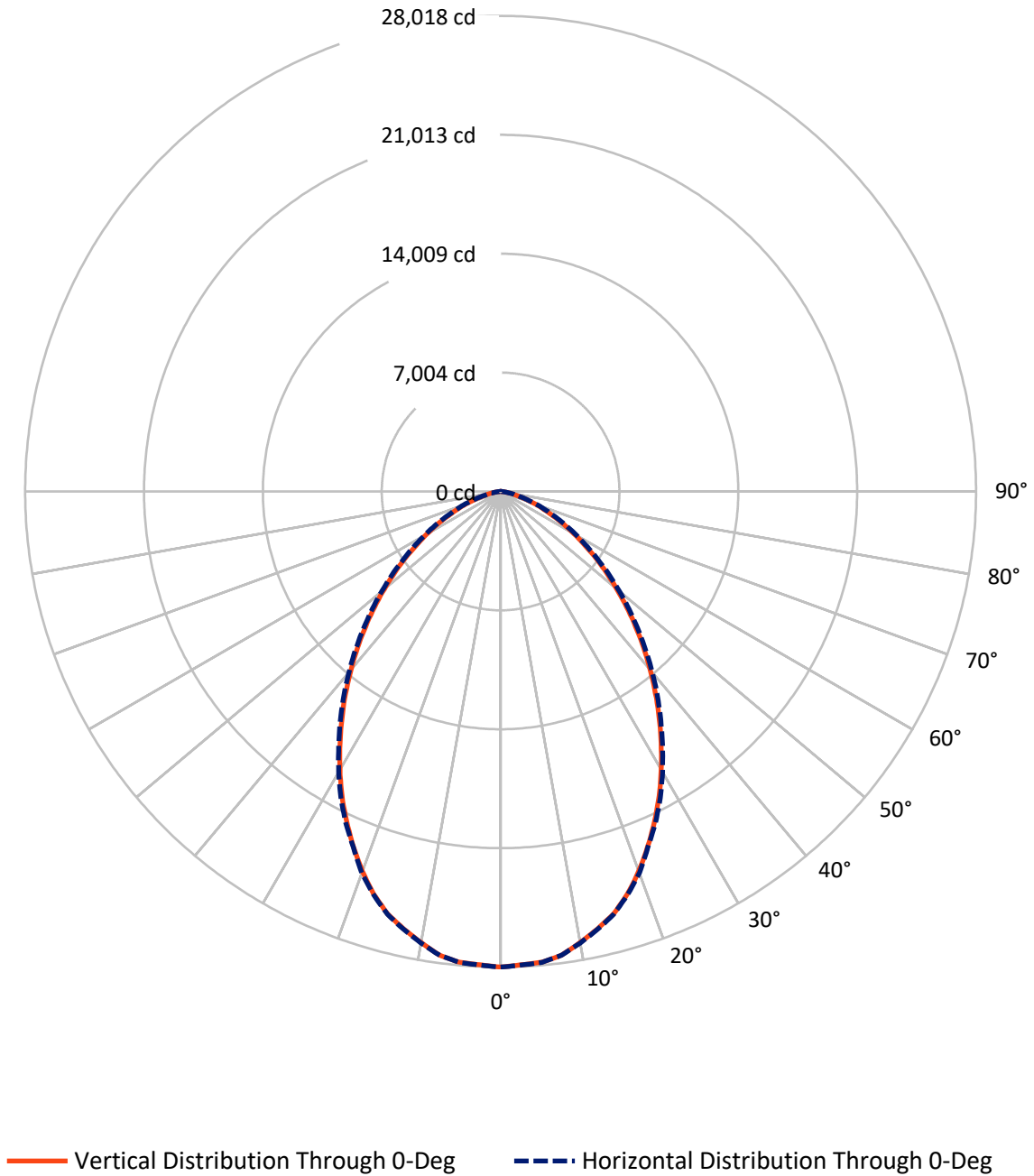
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Lumen Table

90																			
80	1.7	20.7	56.5	95.9	90.4	95.9	56.5	20.7	1.7										
70																			
60	9.4	13.0	26.2	44.7	65.4	84.4	98.7	105.6	105.6	98.7	84.4	65.4	44.7	26.2	13.0				9.4
50																			
40	16.5	19.5	42.6	76.0	115.0	156.3	190.3	207.9	207.9	190.3	156.3	115.0	76.0	42.6	19.5				16.5
30																			
20	21.3	26.2	61.6	113.7	180.1	249.7	308.0	339.8	339.8	308.0	249.7	180.1	113.7	61.6	26.2				21.3
10																			
0	23.1	33.1	81.6	156.5	252.2	353.5	440.1	489.3	489.3	440.1	353.5	252.2	156.5	81.6	33.1				23.1
-10																			
-20	21.3	39.6	100.3	196.8	321.0	455.7	573.2	640.6	640.6	573.2	455.7	321.0	196.8	100.3	39.6				21.3
-30																			
-40	16.5	44.7	114.9	226.9	374.8	538.6	683.1	765.2	765.2	683.1	538.6	374.8	226.9	114.9	44.7				16.5
-50																			
-60	9.4	47.4	122.9	244.0	404.7	584.5	742.5	828.9	828.9	742.5	584.5	404.7	244.0	122.9	47.4				9.4
-70																			
-80	1.7	47.4	122.9	244.0	404.7	584.5	742.5	828.9	828.9	742.5	584.5	404.7	244.0	122.9	47.4				1.7
-90																			

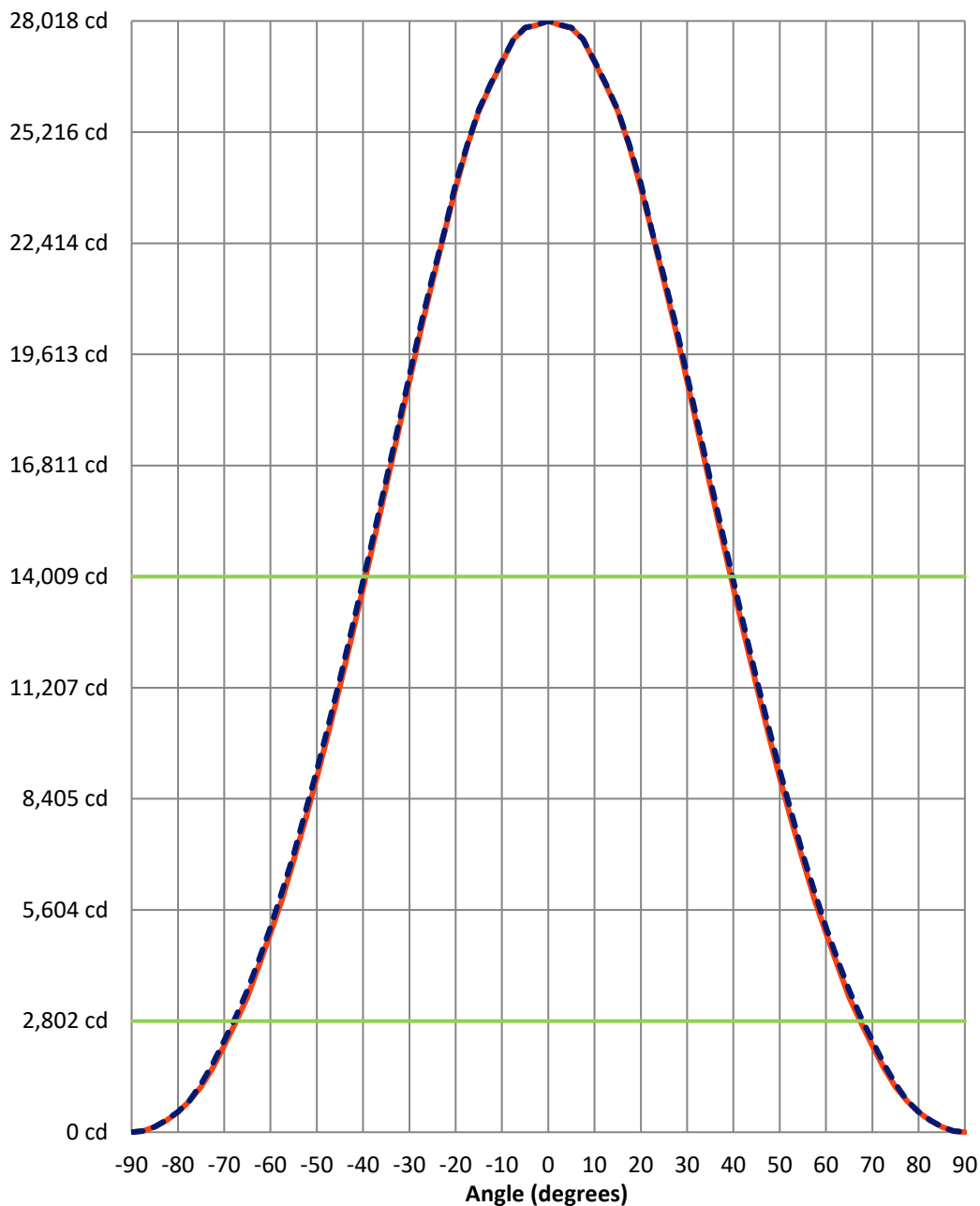
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 79.6°
V Angle: 78.9°
Lumens: 29700.5
Efficiency: 58.7%

Field:
H Angle: 135.9°
V Angle: 134.8°
Lumens: 48276.4
Efficiency: 95.3%

Spill:
Lumens: 2363.4
Efficiency: 4.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.6	3.7	5.5	7.3	9.1	10.9	12.6	14.4	16.1	17.7
85°	0.0	3.2	7.3	11.0	14.6	18.2	21.7	25.2	28.7	32.1	35.5
82.5°	0.0	4.8	10.9	16.4	21.8	27.2	32.5	37.8	47.3	74.4	100.5
80°	0.0	6.4	14.5	21.8	29.0	36.2	48.9	87.1	123.8	159.1	192.9
77.5°	0.0	7.9	18.1	27.2	36.2	56.7	106.6	154.7	199.9	243.4	297.2
75°	0.0	9.5	21.5	32.5	47.1	98.2	162.9	221.9	278.4	356.1	438.7
72.5°	0.0	11.0	24.9	37.8	75.1	138.4	217.4	294.0	382.8	477.4	577.7
70°	0.0	12.5	28.3	45.3	102.2	177.2	271.9	380.5	485.0	596.5	726.8
67.5°	0.0	13.9	31.5	62.0	128.3	214.4	337.4	465.0	585.1	725.8	875.1
65°	0.0	15.3	34.6	78.1	153.1	256.0	400.0	547.3	693.0	851.2	1014.0
62.5°	0.0	16.7	37.7	93.5	176.7	301.6	459.4	633.2	797.4	971.2	1138.2
60°	0.0	18.0	40.6	108.0	198.8	344.8	515.4	718.4	897.9	1083.4	1260.7
57.5°	0.0	19.3	48.7	121.7	228.3	385.3	574.3	797.9	996.9	1193.8	1376.9
55°	0.0	20.5	56.7	134.4	256.5	423.0	630.2	866.5	1094.4	1300.3	1488.3
52.5°	0.0	21.7	64.4	146.2	282.6	458.8	681.9	937.9	1189.6	1398.4	1596.9
50°	0.0	22.8	71.7	157.0	306.7	496.7	729.3	1005.6	1280.0	1493.5	1721.4
47.5°	0.0	23.9	78.7	168.1	328.7	531.4	773.7	1068.7	1361.8	1585.5	1843.3
45°	0.0	24.9	85.4	182.7	348.4	562.7	823.0	1126.8	1425.5	1689.8	1960.0
42.5°	0.0	25.8	91.7	196.0	365.9	590.6	868.3	1180.2	1486.4	1789.5	2097.4
40°	0.0	26.7	97.6	209.4	383.5	614.9	909.4	1230.8	1549.7	1882.9	2231.3
37.5°	0.0	27.5	103.2	222.8	400.9	635.7	946.1	1278.7	1620.8	1971.6	2356.8
35°	0.0	28.3	108.3	235.2	415.9	659.7	978.6	1323.9	1690.1	2073.6	2483.3
32.5°	0.0	28.9	113.1	246.7	428.4	683.7	1008.6	1366.2	1757.4	2171.7	2617.2
30°	0.0	29.6	117.4	257.2	438.5	704.2	1039.8	1408.5	1822.3	2265.5	2742.5
27.5°	0.0	30.1	121.3	266.7	453.5	721.2	1067.8	1457.6	1889.1	2354.5	2858.6
25°	0.0	30.6	124.8	275.2	467.6	734.6	1092.5	1503.2	1958.7	2445.1	2966.1
22.5°	0.0	31.0	127.9	282.7	480.0	748.1	1113.6	1545.0	2022.8	2530.8	3080.5
20°	0.0	31.3	130.6	289.2	490.7	766.7	1131.0	1582.6	2081.0	2607.4	3183.2
17.5°	0.0	31.5	132.8	294.7	499.6	781.9	1152.9	1615.7	2132.9	2674.7	3273.7
15°	0.0	31.7	134.6	299.1	506.9	793.8	1175.5	1647.3	2178.0	2732.4	3351.7
12.5°	0.0	31.9	136.0	302.5	512.4	802.3	1194.0	1677.0	2218.7	2780.2	3417.0
10°	0.0	31.9	136.9	304.9	516.2	807.6	1208.0	1699.8	2253.9	2825.2	3472.1
7.5°	0.0	31.9	137.4	306.3	518.3	809.7	1217.6	1715.8	2281.0	2861.4	3519.6
5°	0.0	31.8	137.5	306.7	518.7	808.8	1222.6	1724.9	2299.6	2887.6	3553.7
2.5°	0.0	31.7	137.2	306.1	517.5	804.9	1222.8	1727.0	2309.5	2903.5	3574.2
0°	0.0	31.5	136.5	304.5	514.6	798.1	1218.2	1722.2	2310.3	2908.9	3581.0
-2.5°	0.0	31.7	137.2	306.1	517.5	804.9	1222.8	1727.0	2309.5	2903.5	3574.2
-5°	0.0	31.8	137.5	306.7	518.7	808.8	1222.6	1724.9	2299.6	2887.6	3553.7
-7.5°	0.0	31.9	137.4	306.3	518.3	809.7	1217.6	1715.8	2281.0	2861.4	3519.6
-10°	0.0	31.9	136.9	304.9	516.2	807.6	1208.0	1699.8	2253.9	2825.2	3472.1
-12.5°	0.0	31.9	136.0	302.5	512.4	802.3	1194.0	1677.0	2218.7	2780.2	3417.0
-15°	0.0	31.7	134.6	299.1	506.9	793.8	1175.5	1647.3	2178.0	2732.4	3351.7
-17.5°	0.0	31.5	132.8	294.7	499.6	781.9	1152.9	1615.7	2132.9	2674.7	3273.7
-20°	0.0	31.3	130.6	289.2	490.7	766.7	1131.0	1582.6	2081.0	2607.4	3183.2

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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	31.0	127.9	282.7	480.0	748.1	1113.6	1545.0	2022.8	2530.8	3080.5
-25°	0.0	30.6	124.8	275.2	467.6	734.6	1092.5	1503.2	1958.7	2445.1	2966.1
-27.5°	0.0	30.1	121.3	266.7	453.5	721.2	1067.8	1457.6	1889.1	2354.5	2858.6
-30°	0.0	29.6	117.4	257.2	438.5	704.2	1039.8	1408.5	1822.3	2265.5	2742.5
-32.5°	0.0	28.9	113.1	246.7	428.4	683.7	1008.6	1366.2	1757.4	2171.7	2617.2
-35°	0.0	28.3	108.3	235.2	415.9	659.7	978.6	1323.9	1690.1	2073.6	2483.3
-37.5°	0.0	27.5	103.2	222.8	400.9	635.7	946.1	1278.7	1620.8	1971.6	2356.8
-40°	0.0	26.7	97.6	209.4	383.5	614.9	909.4	1230.8	1549.7	1882.9	2231.3
-42.5°	0.0	25.8	91.7	196.0	365.9	590.6	868.3	1180.2	1486.4	1789.5	2097.4
-45°	0.0	24.9	85.4	182.7	348.4	562.7	823.0	1126.8	1425.5	1689.8	1960.0
-47.5°	0.0	23.9	78.7	168.1	328.7	531.4	773.7	1068.7	1361.8	1585.5	1843.3
-50°	0.0	22.8	71.7	157.0	306.7	496.7	729.3	1005.6	1280.0	1493.5	1721.4
-52.5°	0.0	21.7	64.4	146.2	282.6	458.8	681.9	937.9	1189.6	1398.4	1596.9
-55°	0.0	20.5	56.7	134.4	256.5	423.0	630.2	866.5	1094.4	1300.3	1488.3
-57.5°	0.0	19.3	48.7	121.7	228.3	385.3	574.3	797.9	996.9	1193.8	1376.9
-60°	0.0	18.0	40.6	108.0	198.8	344.8	515.4	718.4	897.9	1083.4	1260.7
-62.5°	0.0	16.7	37.7	93.5	176.7	301.6	459.4	633.2	797.4	971.2	1138.2
-65°	0.0	15.3	34.6	78.1	153.1	256.0	400.0	547.3	693.0	851.2	1014.0
-67.5°	0.0	13.9	31.5	62.0	128.3	214.4	337.4	465.0	585.1	725.8	875.1
-70°	0.0	12.5	28.3	45.3	102.2	177.2	271.9	380.5	485.0	596.5	726.8
-72.5°	0.0	11.0	24.9	37.8	75.1	138.4	217.4	294.0	382.8	477.4	577.7
-75°	0.0	9.5	21.5	32.5	47.1	98.2	162.9	221.9	278.4	356.1	438.7
-77.5°	0.0	7.9	18.1	27.2	36.2	56.7	106.6	154.7	199.9	243.4	297.2
-80°	0.0	6.4	14.5	21.8	29.0	36.2	48.9	87.1	123.8	159.1	192.9
-82.5°	0.0	4.8	10.9	16.4	21.8	27.2	32.5	37.8	47.3	74.4	100.5
-85°	0.0	3.2	7.3	11.0	14.6	18.2	21.7	25.2	28.7	32.1	35.5
-87.5°	0.0	1.6	3.7	5.5	7.3	9.1	10.9	12.6	14.4	16.1	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



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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°	20.6	23.6	26.8	30.1	30.4	30.4	30.2	29.7	31.0	32.2	33.3
85°	41.1	47.1	65.4	83.1	91.6	96.9	99.3	98.9	115.0	133.6	153.8
82.5°	127.8	154.1	179.2	203.1	209.3	209.4	207.4	208.1	245.8	289.1	333.5
80°	227.5	260.9	305.2	344.5	361.6	370.4	374.5	373.9	421.6	485.3	552.2
77.5°	360.9	417.2	466.1	507.7	530.2	550.0	566.1	578.5	639.9	720.4	800.2
75°	512.9	574.7	636.0	689.4	726.8	754.5	780.3	821.8	902.3	996.2	1077.9
72.5°	673.4	752.1	820.5	878.5	930.9	986.6	1049.0	1117.2	1202.1	1295.9	1381.3
70°	844.7	931.2	1002.8	1072.7	1144.2	1227.6	1321.1	1413.1	1507.8	1611.2	1710.8
67.5°	1012.2	1095.8	1180.1	1268.2	1375.2	1486.8	1597.3	1724.2	1854.0	1969.0	2071.8
65°	1157.8	1255.8	1361.2	1480.8	1612.9	1754.8	1902.3	2054.5	2219.2	2357.2	2483.0
62.5°	1296.9	1414.7	1542.8	1691.8	1860.3	2028.3	2216.5	2407.0	2592.3	2754.9	2905.2
60°	1425.0	1567.6	1729.7	1912.4	2109.1	2332.4	2546.7	2763.3	2966.6	3150.7	3340.7
57.5°	1549.7	1729.1	1923.6	2142.9	2391.6	2642.4	2894.3	3127.4	3357.5	3581.8	3796.7
55°	1681.5	1897.9	2129.2	2398.3	2678.6	2975.3	3246.6	3506.7	3760.2	4032.5	4291.3
52.5°	1826.7	2068.4	2357.8	2659.1	2982.9	3301.2	3599.3	3895.6	4202.0	4510.2	4847.2
50°	1966.8	2268.1	2585.3	2935.6	3285.4	3626.5	3968.3	4309.6	4676.7	5054.7	5436.5
47.5°	2130.4	2459.1	2833.9	3209.6	3591.9	3971.5	4352.3	4764.8	5181.8	5620.2	6042.5
45°	2296.0	2665.6	3069.4	3494.3	3907.6	4327.9	4773.2	5229.1	5718.2	6200.3	6708.4
42.5°	2453.0	2870.8	3315.9	3774.7	4234.5	4704.1	5193.8	5726.4	6260.8	6816.9	7375.2
40°	2626.9	3066.0	3556.7	4062.1	4561.0	5081.6	5641.2	6218.1	6822.8	7434.1	8040.5
37.5°	2794.0	3276.7	3792.6	4336.6	4896.4	5468.5	6076.2	6731.0	7386.8	8044.7	8713.4
35°	2950.6	3476.5	4035.3	4612.8	5206.6	5857.3	6536.7	7235.6	7946.1	8657.7	9377.0
32.5°	3111.7	3664.9	4267.2	4885.3	5539.6	6237.4	6981.6	7738.9	8495.6	9255.5	10042.8
30°	3273.1	3862.5	4491.9	5143.0	5858.6	6619.0	7418.8	8220.9	9021.5	9857.6	10696.7
27.5°	3425.6	4050.0	4712.6	5409.3	6164.4	6972.3	7821.7	8681.0	9544.2	10433.1	11328.1
25°	3566.1	4227.6	4917.5	5665.6	6465.9	7312.3	8197.2	9093.9	10040.5	10991.7	11926.2
22.5°	3703.0	4390.7	5107.2	5901.7	6739.2	7628.0	8549.4	9496.3	10485.4	11507.0	12474.1
20°	3834.8	4546.0	5291.8	6115.7	6983.9	7912.3	8869.6	9861.1	10898.9	11947.7	12988.0
17.5°	3951.8	4684.1	5463.7	6315.7	7217.4	8172.1	9158.1	10182.1	11266.2	12353.3	13455.6
15°	4053.7	4804.2	5612.6	6490.3	7423.8	8408.3	9425.8	10479.0	11590.9	12723.0	13868.9
12.5°	4139.8	4906.0	5737.9	6638.7	7599.0	8610.9	9655.9	10746.1	11888.0	13051.7	14230.9
10°	4209.9	4988.9	5839.3	6760.0	7742.0	8778.4	9845.3	10966.3	12142.4	13331.5	14535.4
7.5°	4269.4	5058.1	5919.7	6853.5	7852.3	8909.4	9992.8	11138.1	12345.0	13549.6	14780.0
5°	4312.8	5114.0	5993.7	6931.9	7948.1	9011.9	10104.6	11260.5	12493.2	13704.9	14957.3
2.5°	4338.9	5150.4	6044.0	6982.8	8023.5	9088.6	10203.9	11368.6	12601.8	13828.2	15090.7
0°	4347.6	5166.7	6069.8	7004.5	8065.1	9125.8	10259.9	11425.6	12654.2	13903.9	15174.6
-2.5°	4338.9	5150.4	6044.0	6982.8	8023.5	9088.6	10203.9	11368.6	12601.8	13828.2	15090.7
-5°	4312.8	5114.0	5993.7	6931.9	7948.1	9011.9	10104.6	11260.5	12493.2	13704.9	14957.3
-7.5°	4269.4	5058.1	5919.7	6853.5	7852.3	8909.4	9992.8	11138.1	12345.0	13549.6	14780.0
-10°	4209.9	4988.9	5839.3	6760.0	7742.0	8778.4	9845.3	10966.3	12142.4	13331.5	14535.4
-12.5°	4139.8	4906.0	5737.9	6638.7	7599.0	8610.9	9655.9	10746.1	11888.0	13051.7	14230.9
-15°	4053.7	4804.2	5612.6	6490.3	7423.8	8408.3	9425.8	10479.0	11590.9	12723.0	13868.9
-17.5°	3951.8	4684.1	5463.7	6315.7	7217.4	8172.1	9158.1	10182.1	11266.2	12353.3	13455.6
-20°	3834.8	4546.0	5291.8	6115.7	6983.9	7912.3	8869.6	9861.1	10898.9	11947.7	12988.0



REPORT NUMBER: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3703.0	4390.7	5107.2	5901.7	6739.2	7628.0	8549.4	9496.3	10485.4	11507.0	12474.1
-25°	3566.1	4227.6	4917.5	5665.6	6465.9	7312.3	8197.2	9093.9	10040.5	10991.7	11926.2
-27.5°	3425.6	4050.0	4712.6	5409.3	6164.4	6972.3	7821.7	8681.0	9544.2	10433.1	11328.1
-30°	3273.1	3862.5	4491.9	5143.0	5858.6	6619.0	7418.8	8220.9	9021.5	9857.6	10696.7
-32.5°	3111.7	3664.9	4267.2	4885.3	5539.6	6237.4	6981.6	7738.9	8495.6	9255.5	10042.8
-35°	2950.6	3476.5	4035.3	4612.8	5206.6	5857.3	6536.7	7235.6	7946.1	8657.7	9377.0
-37.5°	2794.0	3276.7	3792.6	4336.6	4896.4	5468.5	6076.2	6731.0	7386.8	8044.7	8713.4
-40°	2626.9	3066.0	3556.7	4062.1	4561.0	5081.6	5641.2	6218.1	6822.8	7434.1	8040.5
-42.5°	2453.0	2870.8	3315.9	3774.7	4234.5	4704.1	5193.8	5726.4	6260.8	6816.9	7375.2
-45°	2296.0	2665.6	3069.4	3494.3	3907.6	4327.9	4773.2	5229.1	5718.2	6200.3	6708.4
-47.5°	2130.4	2459.1	2833.9	3209.6	3591.9	3971.5	4352.3	4764.8	5181.8	5620.2	6042.5
-50°	1966.8	2268.1	2585.3	2935.6	3285.4	3626.5	3968.3	4309.6	4676.7	5054.7	5436.5
-52.5°	1826.7	2068.4	2357.8	2659.1	2982.9	3301.2	3599.3	3895.6	4202.0	4510.2	4847.2
-55°	1681.5	1897.9	2129.2	2398.3	2678.6	2975.3	3246.6	3506.7	3760.2	4032.5	4291.3
-57.5°	1549.7	1729.1	1923.6	2142.9	2391.6	2642.4	2894.3	3127.4	3357.5	3581.8	3796.7
-60°	1425.0	1567.6	1729.7	1912.4	2109.1	2332.4	2546.7	2763.3	2966.6	3150.7	3340.7
-62.5°	1296.9	1414.7	1542.8	1691.8	1860.3	2028.3	2216.5	2407.0	2592.3	2754.9	2905.2
-65°	1157.8	1255.8	1361.2	1480.8	1612.9	1754.8	1902.3	2054.5	2219.2	2357.2	2483.0
-67.5°	1012.2	1095.8	1180.1	1268.2	1375.2	1486.8	1597.3	1724.2	1854.0	1969.0	2071.8
-70°	844.7	931.2	1002.8	1072.7	1144.2	1227.6	1321.1	1413.1	1507.8	1611.2	1710.8
-72.5°	673.4	752.1	820.5	878.5	930.9	986.6	1049.0	1117.2	1202.1	1295.9	1381.3
-75°	512.9	574.7	636.0	689.4	726.8	754.5	780.3	821.8	902.3	996.2	1077.9
-77.5°	360.9	417.2	466.1	507.7	530.2	550.0	566.1	578.5	639.9	720.4	800.2
-80°	227.5	260.9	305.2	344.5	361.6	370.4	374.5	373.9	421.6	485.3	552.2
-82.5°	127.8	154.1	179.2	203.1	209.3	209.4	207.4	208.1	245.8	289.1	333.5
-85°	41.1	47.1	65.4	83.1	91.6	96.9	99.3	98.9	115.0	133.6	153.8
-87.5°	20.6	23.6	26.8	30.1	30.4	30.4	30.2	29.7	31.0	32.2	33.3
-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: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	34.4	35.4	36.4	37.3	38.1	38.8	39.5	40.1	40.6	38.5	36.2
85°	175.4	187.8	199.4	210.5	221.0	231.0	240.4	249.1	257.2	234.9	210.2
82.5°	378.8	409.2	438.1	466.9	495.4	502.6	504.9	503.8	499.9	460.7	417.3
80°	618.4	669.9	718.4	766.5	814.0	819.3	813.9	804.1	790.3	738.9	680.7
77.5°	879.8	944.6	1001.4	1053.3	1100.7	1109.6	1108.3	1105.9	1102.0	1049.6	986.2
75°	1147.9	1211.3	1272.4	1324.4	1367.8	1387.7	1397.5	1404.4	1408.2	1370.5	1321.2
72.5°	1458.6	1524.6	1578.5	1629.0	1671.7	1702.7	1724.8	1741.6	1753.1	1741.7	1721.5
70°	1795.9	1866.6	1926.2	1983.2	2041.1	2087.5	2122.6	2148.0	2164.2	2174.7	2182.2
67.5°	2175.6	2270.5	2353.4	2424.1	2494.2	2559.9	2613.8	2657.9	2692.0	2720.9	2743.2
65°	2603.4	2724.7	2832.4	2931.2	3021.8	3117.1	3195.3	3260.9	3313.7	3357.3	3392.3
62.5°	3053.1	3201.9	3340.1	3474.2	3605.5	3735.0	3834.3	3924.7	4005.1	4074.3	4129.3
60°	3520.5	3689.6	3875.0	4052.0	4215.0	4363.8	4511.6	4639.6	4749.2	4840.1	4913.4
57.5°	4022.9	4241.8	4458.6	4678.5	4886.2	5080.6	5262.5	5423.1	5558.7	5670.0	5763.5
55°	4565.6	4839.5	5090.8	5368.2	5636.1	5880.1	6094.9	6283.7	6446.9	6583.7	6699.8
52.5°	5162.2	5495.0	5821.6	6137.1	6441.4	6724.4	6981.6	7201.4	7396.9	7564.6	7698.3
50°	5815.1	6195.8	6574.4	6925.5	7275.0	7601.1	7895.9	8151.0	8378.5	8575.5	8730.5
47.5°	6498.0	6931.4	7354.1	7755.9	8142.7	8505.2	8824.5	9115.2	9398.9	9630.2	9813.2
45°	7207.1	7693.2	8159.5	8618.9	9045.0	9451.2	9845.0	10207.0	10498.2	10753.1	10967.2
42.5°	7924.7	8467.0	8989.2	9490.4	9958.8	10428.6	10871.6	11267.4	11599.5	11889.3	12132.5
40°	8651.8	9245.4	9820.7	10367.1	10902.7	11415.0	11894.1	12311.5	12685.9	13030.2	13316.9
37.5°	9375.1	10028.2	10665.6	11277.8	11867.4	12422.3	12940.0	13411.7	13834.3	14226.3	14544.8
35°	10101.6	10818.2	11516.0	12189.6	12833.6	13446.1	14012.9	14549.6	15047.6	15444.7	15770.5
32.5°	10825.3	11595.7	12355.1	13096.7	13801.6	14461.9	15076.0	15669.1	16181.4	16617.9	16992.4
30°	11525.7	12360.2	13187.1	13991.3	14752.8	15468.2	16148.2	16775.4	17326.2	17803.6	18223.7
27.5°	12212.9	13109.4	13996.7	14855.8	15679.1	16456.6	17198.6	17878.7	18479.9	18998.7	19441.7
25°	12862.4	13826.0	14771.8	15682.7	16562.1	17419.7	18220.9	18963.1	19605.2	20174.8	20630.0
22.5°	13483.0	14510.6	15504.4	16462.6	17403.4	18327.6	19204.8	19979.8	20660.3	21255.8	21759.6
20°	14061.1	15162.3	16179.1	17192.4	18183.3	19170.3	20112.1	20929.8	21649.9	22283.8	22839.0
17.5°	14601.5	15731.1	16801.7	17880.5	18924.9	19960.2	20917.1	21793.6	22570.4	23243.6	23825.2
15°	15059.0	16199.8	17369.0	18520.8	19622.1	20670.6	21626.6	22541.9	23404.6	24132.6	24722.3
12.5°	15429.4	16615.8	17835.5	19058.3	20223.1	21270.1	22270.9	23199.6	24105.6	24923.3	25465.4
10°	15745.2	16966.7	18225.9	19473.0	20653.3	21761.2	22849.3	23831.1	24721.4	25453.8	26059.1
7.5°	16018.2	17276.5	18555.4	19804.4	20980.8	22125.6	23245.7	24288.4	25187.2	25877.1	26417.0
5°	16219.5	17507.7	18811.3	20071.9	21264.7	22413.1	23538.3	24567.9	25445.3	26147.3	26736.1
2.5°	16363.5	17663.8	18976.7	20239.1	21458.4	22609.6	23763.0	24804.2	25653.9	26297.0	26860.8
0°	16455.8	17758.0	19081.1	20372.8	21570.0	22683.1	23922.3	24898.9	25781.1	26421.6	27009.7
-2.5°	16363.5	17663.8	18976.7	20239.1	21458.4	22609.6	23763.0	24804.2	25653.9	26297.0	26860.8
-5°	16219.5	17507.7	18811.3	20071.9	21264.7	22413.1	23538.3	24567.9	25445.3	26147.3	26736.1
-7.5°	16018.2	17276.5	18555.4	19804.4	20980.8	22125.6	23245.7	24288.4	25187.2	25877.1	26417.0
-10°	15745.2	16966.7	18225.9	19473.0	20653.3	21761.2	22849.3	23831.1	24721.4	25453.8	26059.1
-12.5°	15429.4	16615.8	17835.5	19058.3	20223.1	21270.1	22270.9	23199.6	24105.6	24923.3	25465.4
-15°	15059.0	16199.8	17369.0	18520.8	19622.1	20670.6	21626.6	22541.9	23404.6	24132.6	24722.3
-17.5°	14601.5	15731.1	16801.7	17880.5	18924.9	19960.2	20917.1	21793.6	22570.4	23243.6	23825.2
-20°	14061.1	15162.3	16179.1	17192.4	18183.3	19170.3	20112.1	20929.8	21649.9	22283.8	22839.0



REPORT NUMBER: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	13483.0	14510.6	15504.4	16462.6	17403.4	18327.6	19204.8	19979.8	20660.3	21255.8	21759.6
-25°	12862.4	13826.0	14771.8	15682.7	16562.1	17419.7	18220.9	18963.1	19605.2	20174.8	20630.0
-27.5°	12212.9	13109.4	13996.7	14855.8	15679.1	16456.6	17198.6	17878.7	18479.9	18998.7	19441.7
-30°	11525.7	12360.2	13187.1	13991.3	14752.8	15468.2	16148.2	16775.4	17326.2	17803.6	18223.7
-32.5°	10825.3	11595.7	12355.1	13096.7	13801.6	14461.9	15076.0	15669.1	16181.4	16617.9	16992.4
-35°	10101.6	10818.2	11516.0	12189.6	12833.6	13446.1	14012.9	14549.6	15047.6	15444.7	15770.5
-37.5°	9375.1	10028.2	10665.6	11277.8	11867.4	12422.3	12940.0	13411.7	13834.3	14226.3	14544.8
-40°	8651.8	9245.4	9820.7	10367.1	10902.7	11415.0	11894.1	12311.5	12685.9	13030.2	13316.9
-42.5°	7924.7	8467.0	8989.2	9490.4	9958.8	10428.6	10871.6	11267.4	11599.5	11889.3	12132.5
-45°	7207.1	7693.2	8159.5	8618.9	9045.0	9451.2	9845.0	10207.0	10498.2	10753.1	10967.2
-47.5°	6498.0	6931.4	7354.1	7755.9	8142.7	8505.2	8824.5	9115.2	9398.9	9630.2	9813.2
-50°	5815.1	6195.8	6574.4	6925.5	7275.0	7601.1	7895.9	8151.0	8378.5	8575.5	8730.5
-52.5°	5162.2	5495.0	5821.6	6137.1	6441.4	6724.4	6981.6	7201.4	7396.9	7564.6	7698.3
-55°	4565.6	4839.5	5090.8	5368.2	5636.1	5880.1	6094.9	6283.7	6446.9	6583.7	6699.8
-57.5°	4022.9	4241.8	4458.6	4678.5	4886.2	5080.6	5262.5	5423.1	5558.7	5670.0	5763.5
-60°	3520.5	3689.6	3875.0	4052.0	4215.0	4363.8	4511.6	4639.6	4749.2	4840.1	4913.4
-62.5°	3053.1	3201.9	3340.1	3474.2	3605.5	3735.0	3834.3	3924.7	4005.1	4074.3	4129.3
-65°	2603.4	2724.7	2832.4	2931.2	3021.8	3117.1	3195.3	3260.9	3313.7	3357.3	3392.3
-67.5°	2175.6	2270.5	2353.4	2424.1	2494.2	2559.9	2613.8	2657.9	2692.0	2720.9	2743.2
-70°	1795.9	1866.6	1926.2	1983.2	2041.1	2087.5	2122.6	2148.0	2164.2	2174.7	2182.2
-72.5°	1458.6	1524.6	1578.5	1629.0	1671.7	1702.7	1724.8	1741.6	1753.1	1741.7	1721.5
-75°	1147.9	1211.3	1272.4	1324.4	1367.8	1387.7	1397.5	1404.4	1408.2	1370.5	1321.2
-77.5°	879.8	944.6	1001.4	1053.3	1100.7	1109.6	1108.3	1105.9	1102.0	1049.6	986.2
-80°	618.4	669.9	718.4	766.5	814.0	819.3	813.9	804.1	790.3	738.9	680.7
-82.5°	378.8	409.2	438.1	466.9	495.4	502.6	504.9	503.8	499.9	460.7	417.3
-85°	175.4	187.8	199.4	210.5	221.0	231.0	240.4	249.1	257.2	234.9	210.2
-87.5°	34.4	35.4	36.4	37.3	38.1	38.8	39.5	40.1	40.6	38.5	36.2
-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: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.8	31.4	31.5	31.5	31.5	31.4	33.8	36.2	38.5	40.6	40.1
85°	184.1	156.8	146.8	136.5	146.8	156.8	184.1	210.2	234.9	257.2	249.1
82.5°	371.8	324.4	309.4	294.0	309.4	324.4	371.8	417.3	460.7	499.9	503.8
80°	619.3	555.1	529.9	504.1	529.9	555.1	619.3	680.7	738.9	790.3	804.1
77.5°	919.1	848.6	818.5	787.6	818.5	848.6	919.1	986.2	1049.6	1102.0	1105.9
75°	1269.2	1214.1	1180.6	1144.7	1180.6	1214.1	1269.2	1321.2	1370.5	1408.2	1404.4
72.5°	1698.4	1671.4	1647.0	1617.2	1647.0	1671.4	1698.4	1721.5	1741.7	1753.1	1741.6
70°	2184.7	2181.2	2185.6	2184.3	2185.6	2181.2	2184.7	2182.2	2174.7	2164.2	2148.0
67.5°	2754.6	2755.4	2767.1	2772.4	2767.1	2755.4	2754.6	2743.2	2720.9	2692.0	2657.9
65°	3414.0	3422.0	3419.0	3402.5	3419.0	3422.0	3414.0	3392.3	3357.3	3313.7	3260.9
62.5°	4168.4	4191.1	4203.5	4200.6	4203.5	4191.1	4168.4	4129.3	4074.3	4005.1	3924.7
60°	4968.1	5003.6	5021.5	5019.7	5021.5	5003.6	4968.1	4913.4	4840.1	4749.2	4639.6
57.5°	5833.1	5878.7	5889.3	5870.3	5889.3	5878.7	5833.1	5763.5	5670.0	5558.7	5423.1
55°	6787.4	6845.7	6868.1	6857.4	6868.1	6845.7	6787.4	6699.8	6583.7	6446.9	6283.7
52.5°	7796.3	7859.3	7881.7	7865.6	7881.7	7859.3	7796.3	7698.3	7564.6	7396.9	7201.4
50°	8844.3	8920.6	8951.4	8936.7	8951.4	8920.6	8844.3	8730.5	8575.5	8378.5	8151.0
47.5°	9956.6	10058.2	10097.8	10070.9	10097.8	10058.2	9956.6	9813.2	9630.2	9398.9	9115.2
45°	11127.2	11232.6	11273.4	11247.1	11273.4	11232.6	11127.2	10967.2	10753.1	10498.2	10207.0
42.5°	12318.6	12455.5	12513.3	12465.2	12513.3	12455.5	12318.6	12132.5	11889.3	11599.5	11267.4
40°	13531.0	13679.6	13748.1	13714.9	13748.1	13679.6	13531.0	13316.9	13030.2	12685.9	12311.5
37.5°	14774.6	14922.5	14995.1	14996.1	14995.1	14922.5	14774.6	14544.8	14226.3	13834.3	13411.7
35°	16022.9	16201.9	16303.2	16298.3	16303.2	16201.9	16022.9	15770.5	15444.7	15047.6	14549.6
32.5°	17288.5	17482.3	17585.8	17600.4	17585.8	17482.3	17288.5	16992.4	16617.9	16181.4	15669.1
30°	18552.0	18765.1	18885.0	18934.1	18885.0	18765.1	18552.0	18223.7	17803.6	17326.2	16775.4
27.5°	19777.4	20039.6	20220.5	20236.3	20220.5	20039.6	19777.4	19441.7	18998.7	18479.9	17878.7
25°	20964.1	21231.1	21416.7	21454.5	21416.7	21231.1	20964.1	20630.0	20174.8	19605.2	18963.1
22.5°	22133.8	22412.8	22584.1	22651.6	22584.1	22412.8	22133.8	21759.6	21255.8	20660.3	19979.8
20°	23250.3	23552.8	23734.5	23806.8	23734.5	23552.8	23250.3	22839.0	22283.8	21649.9	20929.8
17.5°	24260.4	24580.1	24804.3	24867.4	24804.3	24580.1	24260.4	23825.2	23243.6	22570.4	21793.6
15°	25149.5	25452.6	25665.5	25749.6	25665.5	25452.6	25149.5	24722.3	24132.6	23404.6	22541.9
12.5°	25873.0	26144.1	26310.9	26390.1	26310.9	26144.1	25873.0	25465.4	24923.3	24105.6	23199.6
10°	26438.3	26710.2	26869.5	26978.2	26869.5	26710.2	26438.3	26059.1	25453.8	24721.4	23831.1
7.5°	26928.9	27207.6	27402.5	27555.8	27402.5	27207.6	26928.9	26417.0	25877.1	25187.2	24288.4
5°	27199.7	27665.1	27735.1	27839.3	27735.1	27665.1	27199.7	26736.1	26147.3	25445.3	24567.9
2.5°	27406.4	27736.3	27934.8	27912.9	27934.8	27736.3	27406.4	26860.8	26297.0	25653.9	24804.2
0°	27555.8	27849.8	27923.4	28017.9	27923.4	27849.8	27555.8	27009.7	26421.6	25781.1	24898.9
-2.5°	27406.4	27736.3	27934.8	27912.9	27934.8	27736.3	27406.4	26860.8	26297.0	25653.9	24804.2
-5°	27199.7	27665.1	27735.1	27839.3	27735.1	27665.1	27199.7	26736.1	26147.3	25445.3	24567.9
-7.5°	26928.9	27207.6	27402.5	27555.8	27402.5	27207.6	26928.9	26417.0	25877.1	25187.2	24288.4
-10°	26438.3	26710.2	26869.5	26978.2	26869.5	26710.2	26438.3	26059.1	25453.8	24721.4	23831.1
-12.5°	25873.0	26144.1	26310.9	26390.1	26310.9	26144.1	25873.0	25465.4	24923.3	24105.6	23199.6
-15°	25149.5	25452.6	25665.5	25749.6	25665.5	25452.6	25149.5	24722.3	24132.6	23404.6	22541.9
-17.5°	24260.4	24580.1	24804.3	24867.4	24804.3	24580.1	24260.4	23825.2	23243.6	22570.4	21793.6
-20°	23250.3	23552.8	23734.5	23806.8	23734.5	23552.8	23250.3	22839.0	22283.8	21649.9	20929.8



REPORT NUMBER: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22133.8	22412.8	22584.1	22651.6	22584.1	22412.8	22133.8	21759.6	21255.8	20660.3	19979.8
-25°	20964.1	21231.1	21416.7	21454.5	21416.7	21231.1	20964.1	20630.0	20174.8	19605.2	18963.1
-27.5°	19777.4	20039.6	20220.5	20236.3	20220.5	20039.6	19777.4	19441.7	18998.7	18479.9	17878.7
-30°	18552.0	18765.1	18885.0	18934.1	18885.0	18765.1	18552.0	18223.7	17803.6	17326.2	16775.4
-32.5°	17288.5	17482.3	17585.8	17600.4	17585.8	17482.3	17288.5	16992.4	16617.9	16181.4	15669.1
-35°	16022.9	16201.9	16303.2	16298.3	16303.2	16201.9	16022.9	15770.5	15444.7	15047.6	14549.6
-37.5°	14774.6	14922.5	14995.1	14996.1	14995.1	14922.5	14774.6	14544.8	14226.3	13834.3	13411.7
-40°	13531.0	13679.6	13748.1	13714.9	13748.1	13679.6	13531.0	13316.9	13030.2	12685.9	12311.5
-42.5°	12318.6	12455.5	12513.3	12465.2	12513.3	12455.5	12318.6	12132.5	11889.3	11599.5	11267.4
-45°	11127.2	11232.6	11273.4	11247.1	11273.4	11232.6	11127.2	10967.2	10753.1	10498.2	10207.0
-47.5°	9956.6	10058.2	10097.8	10070.9	10097.8	10058.2	9956.6	9813.2	9630.2	9398.9	9115.2
-50°	8844.3	8920.6	8951.4	8936.7	8951.4	8920.6	8844.3	8730.5	8575.5	8378.5	8151.0
-52.5°	7796.3	7859.3	7881.7	7865.6	7881.7	7859.3	7796.3	7698.3	7564.6	7396.9	7201.4
-55°	6787.4	6845.7	6868.1	6857.4	6868.1	6845.7	6787.4	6699.8	6583.7	6446.9	6283.7
-57.5°	5833.1	5878.7	5889.3	5870.3	5889.3	5878.7	5833.1	5763.5	5670.0	5558.7	5423.1
-60°	4968.1	5003.6	5021.5	5019.7	5021.5	5003.6	4968.1	4913.4	4840.1	4749.2	4639.6
-62.5°	4168.4	4191.1	4203.5	4200.6	4203.5	4191.1	4168.4	4129.3	4074.3	4005.1	3924.7
-65°	3414.0	3422.0	3419.0	3402.5	3419.0	3422.0	3414.0	3392.3	3357.3	3313.7	3260.9
-67.5°	2754.6	2755.4	2767.1	2772.4	2767.1	2755.4	2754.6	2743.2	2720.9	2692.0	2657.9
-70°	2184.7	2181.2	2185.6	2184.3	2185.6	2181.2	2184.7	2182.2	2174.7	2164.2	2148.0
-72.5°	1698.4	1671.4	1647.0	1617.2	1647.0	1671.4	1698.4	1721.5	1741.7	1753.1	1741.6
-75°	1269.2	1214.1	1180.6	1144.7	1180.6	1214.1	1269.2	1321.2	1370.5	1408.2	1404.4
-77.5°	919.1	848.6	818.5	787.6	818.5	848.6	919.1	986.2	1049.6	1102.0	1105.9
-80°	619.3	555.1	529.9	504.1	529.9	555.1	619.3	680.7	738.9	790.3	804.1
-82.5°	371.8	324.4	309.4	294.0	309.4	324.4	371.8	417.3	460.7	499.9	503.8
-85°	184.1	156.8	146.8	136.5	146.8	156.8	184.1	210.2	234.9	257.2	249.1
-87.5°	33.8	31.4	31.5	31.5	31.5	31.4	33.8	36.2	38.5	40.6	40.1
-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: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	39.5	38.8	38.1	37.3	36.4	35.4	34.4	33.3	32.2	31.0	29.7
85°	240.4	231.0	221.0	210.5	199.4	187.8	175.4	153.8	133.6	115.0	98.9
82.5°	504.9	502.6	495.4	466.9	438.1	409.2	378.8	333.5	289.1	245.8	208.1
80°	813.9	819.3	814.0	766.5	718.4	669.9	618.4	552.2	485.3	421.6	373.9
77.5°	1108.3	1109.6	1100.7	1053.3	1001.4	944.6	879.8	800.2	720.4	639.9	578.5
75°	1397.5	1387.7	1367.8	1324.4	1272.4	1211.3	1147.9	1077.9	996.2	902.3	821.8
72.5°	1724.8	1702.7	1671.7	1629.0	1578.5	1524.6	1458.6	1381.3	1295.9	1202.1	1117.2
70°	2122.6	2087.5	2041.1	1983.2	1926.2	1866.6	1795.9	1710.8	1611.2	1507.8	1413.1
67.5°	2613.8	2559.9	2494.2	2424.1	2353.4	2270.5	2175.6	2071.8	1969.0	1854.0	1724.2
65°	3195.3	3117.1	3021.8	2931.2	2832.4	2724.7	2603.4	2483.0	2357.2	2219.2	2054.5
62.5°	3834.3	3735.0	3605.5	3474.2	3340.1	3201.9	3053.1	2905.2	2754.9	2592.3	2407.0
60°	4511.6	4363.8	4215.0	4052.0	3875.0	3689.6	3520.5	3340.7	3150.7	2966.6	2763.3
57.5°	5262.5	5080.6	4886.2	4678.5	4458.6	4241.8	4022.9	3796.7	3581.8	3357.5	3127.4
55°	6094.9	5880.1	5636.1	5368.2	5090.8	4839.5	4565.6	4291.3	4032.5	3760.2	3506.7
52.5°	6981.6	6724.4	6441.4	6137.1	5821.6	5495.0	5162.2	4847.2	4510.2	4202.0	3895.6
50°	7895.9	7601.1	7275.0	6925.5	6574.4	6195.8	5815.1	5436.5	5054.7	4676.7	4309.6
47.5°	8824.5	8505.2	8142.7	7755.9	7354.1	6931.4	6498.0	6042.5	5620.2	5181.8	4764.8
45°	9845.0	9451.2	9045.0	8618.9	8159.5	7693.2	7207.1	6708.4	6200.3	5718.2	5229.1
42.5°	10871.6	10428.6	9958.8	9490.4	8989.2	8467.0	7924.7	7375.2	6816.9	6260.8	5726.4
40°	11894.1	11415.0	10902.7	10367.1	9820.7	9245.4	8651.8	8040.5	7434.1	6822.8	6218.1
37.5°	12940.0	12422.3	11867.4	11277.8	10665.6	10028.2	9375.1	8713.4	8044.7	7386.8	6731.0
35°	14012.9	13446.1	12833.6	12189.6	11516.0	10818.2	10101.6	9377.0	8657.7	7946.1	7235.6
32.5°	15076.0	14461.9	13801.6	13096.7	12355.1	11595.7	10825.3	10042.8	9255.5	8495.6	7738.9
30°	16148.2	15468.2	14752.8	13991.3	13187.1	12360.2	11525.7	10696.7	9857.6	9021.5	8220.9
27.5°	17198.6	16456.6	15679.1	14855.8	13996.7	13109.4	12212.9	11328.1	10433.1	9544.2	8681.0
25°	18220.9	17419.7	16562.1	15682.7	14771.8	13826.0	12862.4	11926.2	10991.7	10040.5	9093.9
22.5°	19204.8	18327.6	17403.4	16462.6	15504.4	14510.6	13483.0	12474.1	11507.0	10485.4	9496.3
20°	20112.1	19170.3	18183.3	17192.4	16179.1	15162.3	14061.1	12988.0	11947.7	10898.9	9861.1
17.5°	20917.1	19960.2	18924.9	17880.5	16801.7	15731.1	14601.5	13455.6	12353.3	11266.2	10182.1
15°	21626.6	20670.6	19622.1	18520.8	17369.0	16199.8	15059.0	13868.9	12723.0	11590.9	10479.0
12.5°	22270.9	21270.1	20223.1	19058.3	17835.5	16615.8	15429.4	14230.9	13051.7	11888.0	10746.1
10°	22849.3	21761.2	20653.3	19473.0	18225.9	16966.7	15745.2	14535.4	13331.5	12142.4	10966.3
7.5°	23245.7	22125.6	20980.8	19804.4	18555.4	17276.5	16018.2	14780.0	13549.6	12345.0	11138.1
5°	23538.3	22413.1	21264.7	20071.9	18811.3	17507.7	16219.5	14957.3	13704.9	12493.2	11260.5
2.5°	23763.0	22609.6	21458.4	20239.1	18976.7	17663.8	16363.5	15090.7	13828.2	12601.8	11368.6
0°	23922.3	22683.1	21570.0	20372.8	19081.1	17758.0	16455.8	15174.6	13903.9	12654.2	11425.6
-2.5°	23763.0	22609.6	21458.4	20239.1	18976.7	17663.8	16363.5	15090.7	13828.2	12601.8	11368.6
-5°	23538.3	22413.1	21264.7	20071.9	18811.3	17507.7	16219.5	14957.3	13704.9	12493.2	11260.5
-7.5°	23245.7	22125.6	20980.8	19804.4	18555.4	17276.5	16018.2	14780.0	13549.6	12345.0	11138.1
-10°	22849.3	21761.2	20653.3	19473.0	18225.9	16966.7	15745.2	14535.4	13331.5	12142.4	10966.3
-12.5°	22270.9	21270.1	20223.1	19058.3	17835.5	16615.8	15429.4	14230.9	13051.7	11888.0	10746.1
-15°	21626.6	20670.6	19622.1	18520.8	17369.0	16199.8	15059.0	13868.9	12723.0	11590.9	10479.0
-17.5°	20917.1	19960.2	18924.9	17880.5	16801.7	15731.1	14601.5	13455.6	12353.3	11266.2	10182.1
-20°	20112.1	19170.3	18183.3	17192.4	16179.1	15162.3	14061.1	12988.0	11947.7	10898.9	9861.1



REPORT NUMBER: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	19204.8	18327.6	17403.4	16462.6	15504.4	14510.6	13483.0	12474.1	11507.0	10485.4	9496.3
-25°	18220.9	17419.7	16562.1	15682.7	14771.8	13826.0	12862.4	11926.2	10991.7	10040.5	9093.9
-27.5°	17198.6	16456.6	15679.1	14855.8	13996.7	13109.4	12212.9	11328.1	10433.1	9544.2	8681.0
-30°	16148.2	15468.2	14752.8	13991.3	13187.1	12360.2	11525.7	10696.7	9857.6	9021.5	8220.9
-32.5°	15076.0	14461.9	13801.6	13096.7	12355.1	11595.7	10825.3	10042.8	9255.5	8495.6	7738.9
-35°	14012.9	13446.1	12833.6	12189.6	11516.0	10818.2	10101.6	9377.0	8657.7	7946.1	7235.6
-37.5°	12940.0	12422.3	11867.4	11277.8	10665.6	10028.2	9375.1	8713.4	8044.7	7386.8	6731.0
-40°	11894.1	11415.0	10902.7	10367.1	9820.7	9245.4	8651.8	8040.5	7434.1	6822.8	6218.1
-42.5°	10871.6	10428.6	9958.8	9490.4	8989.2	8467.0	7924.7	7375.2	6816.9	6260.8	5726.4
-45°	9845.0	9451.2	9045.0	8618.9	8159.5	7693.2	7207.1	6708.4	6200.3	5718.2	5229.1
-47.5°	8824.5	8505.2	8142.7	7755.9	7354.1	6931.4	6498.0	6042.5	5620.2	5181.8	4764.8
-50°	7895.9	7601.1	7275.0	6925.5	6574.4	6195.8	5815.1	5436.5	5054.7	4676.7	4309.6
-52.5°	6981.6	6724.4	6441.4	6137.1	5821.6	5495.0	5162.2	4847.2	4510.2	4202.0	3895.6
-55°	6094.9	5880.1	5636.1	5368.2	5090.8	4839.5	4565.6	4291.3	4032.5	3760.2	3506.7
-57.5°	5262.5	5080.6	4886.2	4678.5	4458.6	4241.8	4022.9	3796.7	3581.8	3357.5	3127.4
-60°	4511.6	4363.8	4215.0	4052.0	3875.0	3689.6	3520.5	3340.7	3150.7	2966.6	2763.3
-62.5°	3834.3	3735.0	3605.5	3474.2	3340.1	3201.9	3053.1	2905.2	2754.9	2592.3	2407.0
-65°	3195.3	3117.1	3021.8	2931.2	2832.4	2724.7	2603.4	2483.0	2357.2	2219.2	2054.5
-67.5°	2613.8	2559.9	2494.2	2424.1	2353.4	2270.5	2175.6	2071.8	1969.0	1854.0	1724.2
-70°	2122.6	2087.5	2041.1	1983.2	1926.2	1866.6	1795.9	1710.8	1611.2	1507.8	1413.1
-72.5°	1724.8	1702.7	1671.7	1629.0	1578.5	1524.6	1458.6	1381.3	1295.9	1202.1	1117.2
-75°	1397.5	1387.7	1367.8	1324.4	1272.4	1211.3	1147.9	1077.9	996.2	902.3	821.8
-77.5°	1108.3	1109.6	1100.7	1053.3	1001.4	944.6	879.8	800.2	720.4	639.9	578.5
-80°	813.9	819.3	814.0	766.5	718.4	669.9	618.4	552.2	485.3	421.6	373.9
-82.5°	504.9	502.6	495.4	466.9	438.1	409.2	378.8	333.5	289.1	245.8	208.1
-85°	240.4	231.0	221.0	210.5	199.4	187.8	175.4	153.8	133.6	115.0	98.9
-87.5°	39.5	38.8	38.1	37.3	36.4	35.4	34.4	33.3	32.2	31.0	29.7
-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: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	30.2	30.4	30.4	30.1	26.8	23.6	20.6	17.7	16.1	14.4	12.6
85°	99.3	96.9	91.6	83.1	65.4	47.1	41.1	35.5	32.1	28.7	25.2
82.5°	207.4	209.4	209.3	203.1	179.2	154.1	127.8	100.5	74.4	47.3	37.8
80°	374.5	370.4	361.6	344.5	305.2	260.9	227.5	192.9	159.1	123.8	87.1
77.5°	566.1	550.0	530.2	507.7	466.1	417.2	360.9	297.2	243.4	199.9	154.7
75°	780.3	754.5	726.8	689.4	636.0	574.7	512.9	438.7	356.1	278.4	221.9
72.5°	1049.0	986.6	930.9	878.5	820.5	752.1	673.4	577.7	477.4	382.8	294.0
70°	1321.1	1227.6	1144.2	1072.7	1002.8	931.2	844.7	726.8	596.5	485.0	380.5
67.5°	1597.3	1486.8	1375.2	1268.2	1180.1	1095.8	1012.2	875.1	725.8	585.1	465.0
65°	1902.3	1754.8	1612.9	1480.8	1361.2	1255.8	1157.8	1014.0	851.2	693.0	547.3
62.5°	2216.5	2028.3	1860.3	1691.8	1542.8	1414.7	1296.9	1138.2	971.2	797.4	633.2
60°	2546.7	2332.4	2109.1	1912.4	1729.7	1567.6	1425.0	1260.7	1083.4	897.9	718.4
57.5°	2894.3	2642.4	2391.6	2142.9	1923.6	1729.1	1549.7	1376.9	1193.8	996.9	797.9
55°	3246.6	2975.3	2678.6	2398.3	2129.2	1897.9	1681.5	1488.3	1300.3	1094.4	866.5
52.5°	3599.3	3301.2	2982.9	2659.1	2357.8	2068.4	1826.7	1596.9	1398.4	1189.6	937.9
50°	3968.3	3626.5	3285.4	2935.6	2585.3	2268.1	1966.8	1721.4	1493.5	1280.0	1005.6
47.5°	4352.3	3971.5	3591.9	3209.6	2833.9	2459.1	2130.4	1843.3	1585.5	1361.8	1068.7
45°	4773.2	4327.9	3907.6	3494.3	3069.4	2665.6	2296.0	1960.0	1689.8	1425.5	1126.8
42.5°	5193.8	4704.1	4234.5	3774.7	3315.9	2870.8	2453.0	2097.4	1789.5	1486.4	1180.2
40°	5641.2	5081.6	4561.0	4062.1	3556.7	3066.0	2626.9	2231.3	1882.9	1549.7	1230.8
37.5°	6076.2	5468.5	4896.4	4336.6	3792.6	3276.7	2794.0	2356.8	1971.6	1620.8	1278.7
35°	6536.7	5857.3	5206.6	4612.8	4035.3	3476.5	2950.6	2483.3	2073.6	1690.1	1323.9
32.5°	6981.6	6237.4	5539.6	4885.3	4267.2	3664.9	3111.7	2617.2	2171.7	1757.4	1366.2
30°	7418.8	6619.0	5858.6	5143.0	4491.9	3862.5	3273.1	2742.5	2265.5	1822.3	1408.5
27.5°	7821.7	6972.3	6164.4	5409.3	4712.6	4050.0	3425.6	2858.6	2354.5	1889.1	1457.6
25°	8197.2	7312.3	6465.9	5665.6	4917.5	4227.6	3566.1	2966.1	2445.1	1958.7	1503.2
22.5°	8549.4	7628.0	6739.2	5901.7	5107.2	4390.7	3703.0	3080.5	2530.8	2022.8	1545.0
20°	8869.6	7912.3	6983.9	6115.7	5291.8	4546.0	3834.8	3183.2	2607.4	2081.0	1582.6
17.5°	9158.1	8172.1	7217.4	6315.7	5463.7	4684.1	3951.8	3273.7	2674.7	2132.9	1615.7
15°	9425.8	8408.3	7423.8	6490.3	5612.6	4804.2	4053.7	3351.7	2732.4	2178.0	1647.3
12.5°	9655.9	8610.9	7599.0	6638.7	5737.9	4906.0	4139.8	3417.0	2780.2	2218.7	1677.0
10°	9845.3	8778.4	7742.0	6760.0	5839.3	4988.9	4209.9	3472.1	2825.2	2253.9	1699.8
7.5°	9992.8	8909.4	7852.3	6853.5	5919.7	5058.1	4269.4	3519.6	2861.4	2281.0	1715.8
5°	10104.6	9011.9	7948.1	6931.9	5993.7	5114.0	4312.8	3553.7	2887.6	2299.6	1724.9
2.5°	10203.9	9088.6	8023.5	6982.8	6044.0	5150.4	4338.9	3574.2	2903.5	2309.5	1727.0
0°	10259.9	9125.8	8065.1	7004.5	6069.8	5166.7	4347.6	3581.0	2908.9	2310.3	1722.2
-2.5°	10203.9	9088.6	8023.5	6982.8	6044.0	5150.4	4338.9	3574.2	2903.5	2309.5	1727.0
-5°	10104.6	9011.9	7948.1	6931.9	5993.7	5114.0	4312.8	3553.7	2887.6	2299.6	1724.9
-7.5°	9992.8	8909.4	7852.3	6853.5	5919.7	5058.1	4269.4	3519.6	2861.4	2281.0	1715.8
-10°	9845.3	8778.4	7742.0	6760.0	5839.3	4988.9	4209.9	3472.1	2825.2	2253.9	1699.8
-12.5°	9655.9	8610.9	7599.0	6638.7	5737.9	4906.0	4139.8	3417.0	2780.2	2218.7	1677.0
-15°	9425.8	8408.3	7423.8	6490.3	5612.6	4804.2	4053.7	3351.7	2732.4	2178.0	1647.3
-17.5°	9158.1	8172.1	7217.4	6315.7	5463.7	4684.1	3951.8	3273.7	2674.7	2132.9	1615.7
-20°	8869.6	7912.3	6983.9	6115.7	5291.8	4546.0	3834.8	3183.2	2607.4	2081.0	1582.6



REPORT NUMBER: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	8549.4	7628.0	6739.2	5901.7	5107.2	4390.7	3703.0	3080.5	2530.8	2022.8	1545.0
-25°	8197.2	7312.3	6465.9	5665.6	4917.5	4227.6	3566.1	2966.1	2445.1	1958.7	1503.2
-27.5°	7821.7	6972.3	6164.4	5409.3	4712.6	4050.0	3425.6	2858.6	2354.5	1889.1	1457.6
-30°	7418.8	6619.0	5858.6	5143.0	4491.9	3862.5	3273.1	2742.5	2265.5	1822.3	1408.5
-32.5°	6981.6	6237.4	5539.6	4885.3	4267.2	3664.9	3111.7	2617.2	2171.7	1757.4	1366.2
-35°	6536.7	5857.3	5206.6	4612.8	4035.3	3476.5	2950.6	2483.3	2073.6	1690.1	1323.9
-37.5°	6076.2	5468.5	4896.4	4336.6	3792.6	3276.7	2794.0	2356.8	1971.6	1620.8	1278.7
-40°	5641.2	5081.6	4561.0	4062.1	3556.7	3066.0	2626.9	2231.3	1882.9	1549.7	1230.8
-42.5°	5193.8	4704.1	4234.5	3774.7	3315.9	2870.8	2453.0	2097.4	1789.5	1486.4	1180.2
-45°	4773.2	4327.9	3907.6	3494.3	3069.4	2665.6	2296.0	1960.0	1689.8	1425.5	1126.8
-47.5°	4352.3	3971.5	3591.9	3209.6	2833.9	2459.1	2130.4	1843.3	1585.5	1361.8	1068.7
-50°	3968.3	3626.5	3285.4	2935.6	2585.3	2268.1	1966.8	1721.4	1493.5	1280.0	1005.6
-52.5°	3599.3	3301.2	2982.9	2659.1	2357.8	2068.4	1826.7	1596.9	1398.4	1189.6	937.9
-55°	3246.6	2975.3	2678.6	2398.3	2129.2	1897.9	1681.5	1488.3	1300.3	1094.4	866.5
-57.5°	2894.3	2642.4	2391.6	2142.9	1923.6	1729.1	1549.7	1376.9	1193.8	996.9	797.9
-60°	2546.7	2332.4	2109.1	1912.4	1729.7	1567.6	1425.0	1260.7	1083.4	897.9	718.4
-62.5°	2216.5	2028.3	1860.3	1691.8	1542.8	1414.7	1296.9	1138.2	971.2	797.4	633.2
-65°	1902.3	1754.8	1612.9	1480.8	1361.2	1255.8	1157.8	1014.0	851.2	693.0	547.3
-67.5°	1597.3	1486.8	1375.2	1268.2	1180.1	1095.8	1012.2	875.1	725.8	585.1	465.0
-70°	1321.1	1227.6	1144.2	1072.7	1002.8	931.2	844.7	726.8	596.5	485.0	380.5
-72.5°	1049.0	986.6	930.9	878.5	820.5	752.1	673.4	577.7	477.4	382.8	294.0
-75°	780.3	754.5	726.8	689.4	636.0	574.7	512.9	438.7	356.1	278.4	221.9
-77.5°	566.1	550.0	530.2	507.7	466.1	417.2	360.9	297.2	243.4	199.9	154.7
-80°	374.5	370.4	361.6	344.5	305.2	260.9	227.5	192.9	159.1	123.8	87.1
-82.5°	207.4	209.4	209.3	203.1	179.2	154.1	127.8	100.5	74.4	47.3	37.8
-85°	99.3	96.9	91.6	83.1	65.4	47.1	41.1	35.5	32.1	28.7	25.2
-87.5°	30.2	30.4	30.4	30.1	26.8	23.6	20.6	17.7	16.1	14.4	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

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

Scaled Data Report



REPORT NUMBER: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
85°	21.7	18.2	14.6	11.0	7.3	3.2	0.0
82.5°	32.5	27.2	21.8	16.4	10.9	4.8	0.0
80°	48.9	36.2	29.0	21.8	14.5	6.4	0.0
77.5°	106.6	56.7	36.2	27.2	18.1	7.9	0.0
75°	162.9	98.2	47.1	32.5	21.5	9.5	0.0
72.5°	217.4	138.4	75.1	37.8	24.9	11.0	0.0
70°	271.9	177.2	102.2	45.3	28.3	12.5	0.0
67.5°	337.4	214.4	128.3	62.0	31.5	13.9	0.0
65°	400.0	256.0	153.1	78.1	34.6	15.3	0.0
62.5°	459.4	301.6	176.7	93.5	37.7	16.7	0.0
60°	515.4	344.8	198.8	108.0	40.6	18.0	0.0
57.5°	574.3	385.3	228.3	121.7	48.7	19.3	0.0
55°	630.2	423.0	256.5	134.4	56.7	20.5	0.0
52.5°	681.9	458.8	282.6	146.2	64.4	21.7	0.0
50°	729.3	496.7	306.7	157.0	71.7	22.8	0.0
47.5°	773.7	531.4	328.7	168.1	78.7	23.9	0.0
45°	823.0	562.7	348.4	182.7	85.4	24.9	0.0
42.5°	868.3	590.6	365.9	196.0	91.7	25.8	0.0
40°	909.4	614.9	383.5	209.4	97.6	26.7	0.0
37.5°	946.1	635.7	400.9	222.8	103.2	27.5	0.0
35°	978.6	659.7	415.9	235.2	108.3	28.3	0.0
32.5°	1008.6	683.7	428.4	246.7	113.1	28.9	0.0
30°	1039.8	704.2	438.5	257.2	117.4	29.6	0.0
27.5°	1067.8	721.2	453.5	266.7	121.3	30.1	0.0
25°	1092.5	734.6	467.6	275.2	124.8	30.6	0.0
22.5°	1113.6	748.1	480.0	282.7	127.9	31.0	0.0
20°	1131.0	766.7	490.7	289.2	130.6	31.3	0.0
17.5°	1152.9	781.9	499.6	294.7	132.8	31.5	0.0
15°	1175.5	793.8	506.9	299.1	134.6	31.7	0.0
12.5°	1194.0	802.3	512.4	302.5	136.0	31.9	0.0
10°	1208.0	807.6	516.2	304.9	136.9	31.9	0.0
7.5°	1217.6	809.7	518.3	306.3	137.4	31.9	0.0
5°	1222.6	808.8	518.7	306.7	137.5	31.8	0.0
2.5°	1222.8	804.9	517.5	306.1	137.2	31.7	0.0
0°	1218.2	798.1	514.6	304.5	136.5	31.5	0.0
-2.5°	1222.8	804.9	517.5	306.1	137.2	31.7	0.0
-5°	1222.6	808.8	518.7	306.7	137.5	31.8	0.0
-7.5°	1217.6	809.7	518.3	306.3	137.4	31.9	0.0
-10°	1208.0	807.6	516.2	304.9	136.9	31.9	0.0
-12.5°	1194.0	802.3	512.4	302.5	136.0	31.9	0.0
-15°	1175.5	793.8	506.9	299.1	134.6	31.7	0.0
-17.5°	1152.9	781.9	499.6	294.7	132.8	31.5	0.0
-20°	1131.0	766.7	490.7	289.2	130.6	31.3	0.0

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P628001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1113.6	748.1	480.0	282.7	127.9	31.0	0.0
-25°	1092.5	734.6	467.6	275.2	124.8	30.6	0.0
-27.5°	1067.8	721.2	453.5	266.7	121.3	30.1	0.0
-30°	1039.8	704.2	438.5	257.2	117.4	29.6	0.0
-32.5°	1008.6	683.7	428.4	246.7	113.1	28.9	0.0
-35°	978.6	659.7	415.9	235.2	108.3	28.3	0.0
-37.5°	946.1	635.7	400.9	222.8	103.2	27.5	0.0
-40°	909.4	614.9	383.5	209.4	97.6	26.7	0.0
-42.5°	868.3	590.6	365.9	196.0	91.7	25.8	0.0
-45°	823.0	562.7	348.4	182.7	85.4	24.9	0.0
-47.5°	773.7	531.4	328.7	168.1	78.7	23.9	0.0
-50°	729.3	496.7	306.7	157.0	71.7	22.8	0.0
-52.5°	681.9	458.8	282.6	146.2	64.4	21.7	0.0
-55°	630.2	423.0	256.5	134.4	56.7	20.5	0.0
-57.5°	574.3	385.3	228.3	121.7	48.7	19.3	0.0
-60°	515.4	344.8	198.8	108.0	40.6	18.0	0.0
-62.5°	459.4	301.6	176.7	93.5	37.7	16.7	0.0
-65°	400.0	256.0	153.1	78.1	34.6	15.3	0.0
-67.5°	337.4	214.4	128.3	62.0	31.5	13.9	0.0
-70°	271.9	177.2	102.2	45.3	28.3	12.5	0.0
-72.5°	217.4	138.4	75.1	37.8	24.9	11.0	0.0
-75°	162.9	98.2	47.1	32.5	21.5	9.5	0.0
-77.5°	106.6	56.7	36.2	27.2	18.1	7.9	0.0
-80°	48.9	36.2	29.0	21.8	14.5	6.4	0.0
-82.5°	32.5	27.2	21.8	16.4	10.9	4.8	0.0
-85°	21.7	18.2	14.6	11.0	7.3	3.2	0.0
-87.5°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)