

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: P645326 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1C-735-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645326 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-735-U-LAM-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

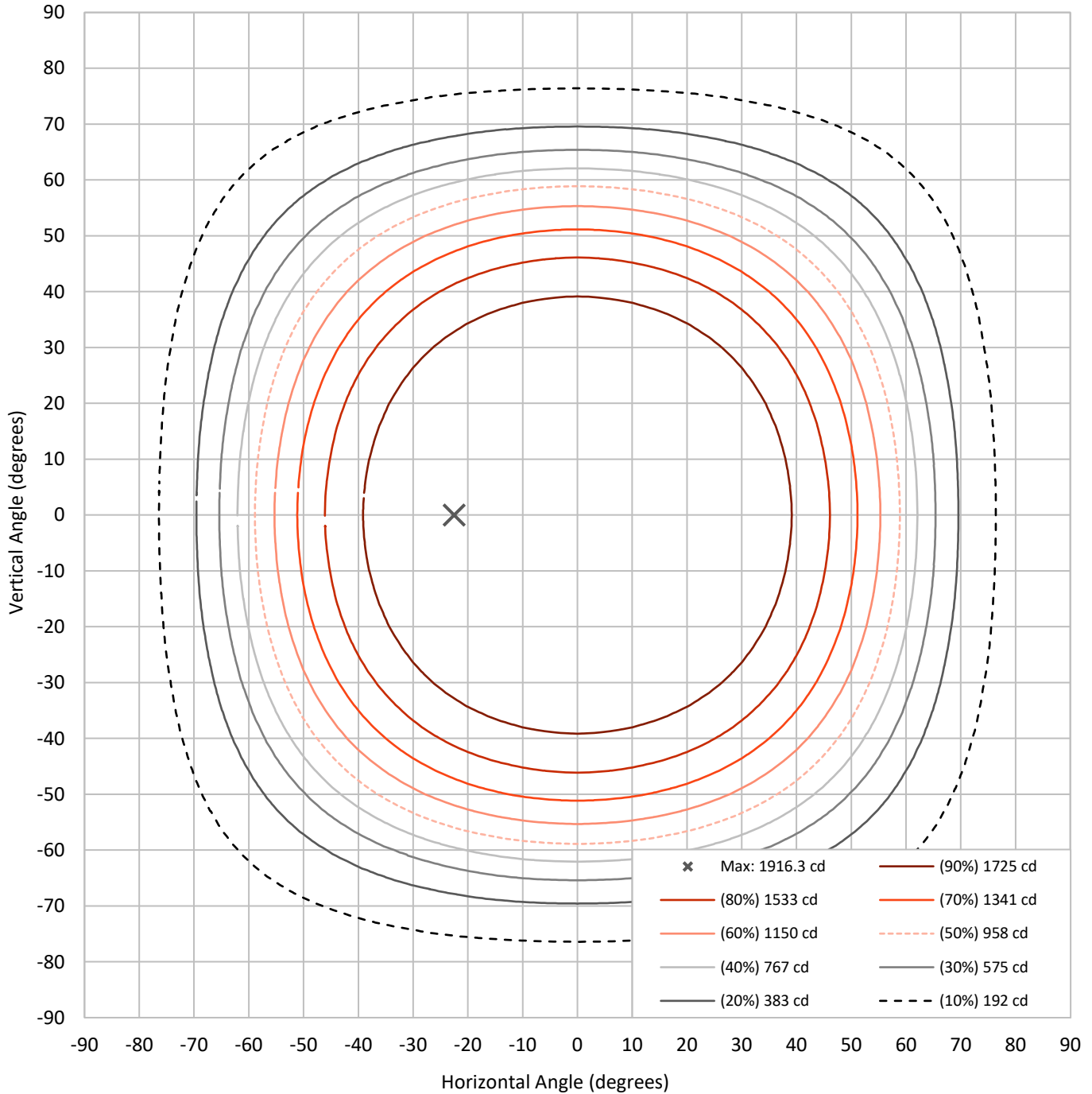
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	5862 lumens	Max Intensity:	1916.3 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	134.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	4878.5 lumens	Field Lumens:	5746.7 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	43.5		
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





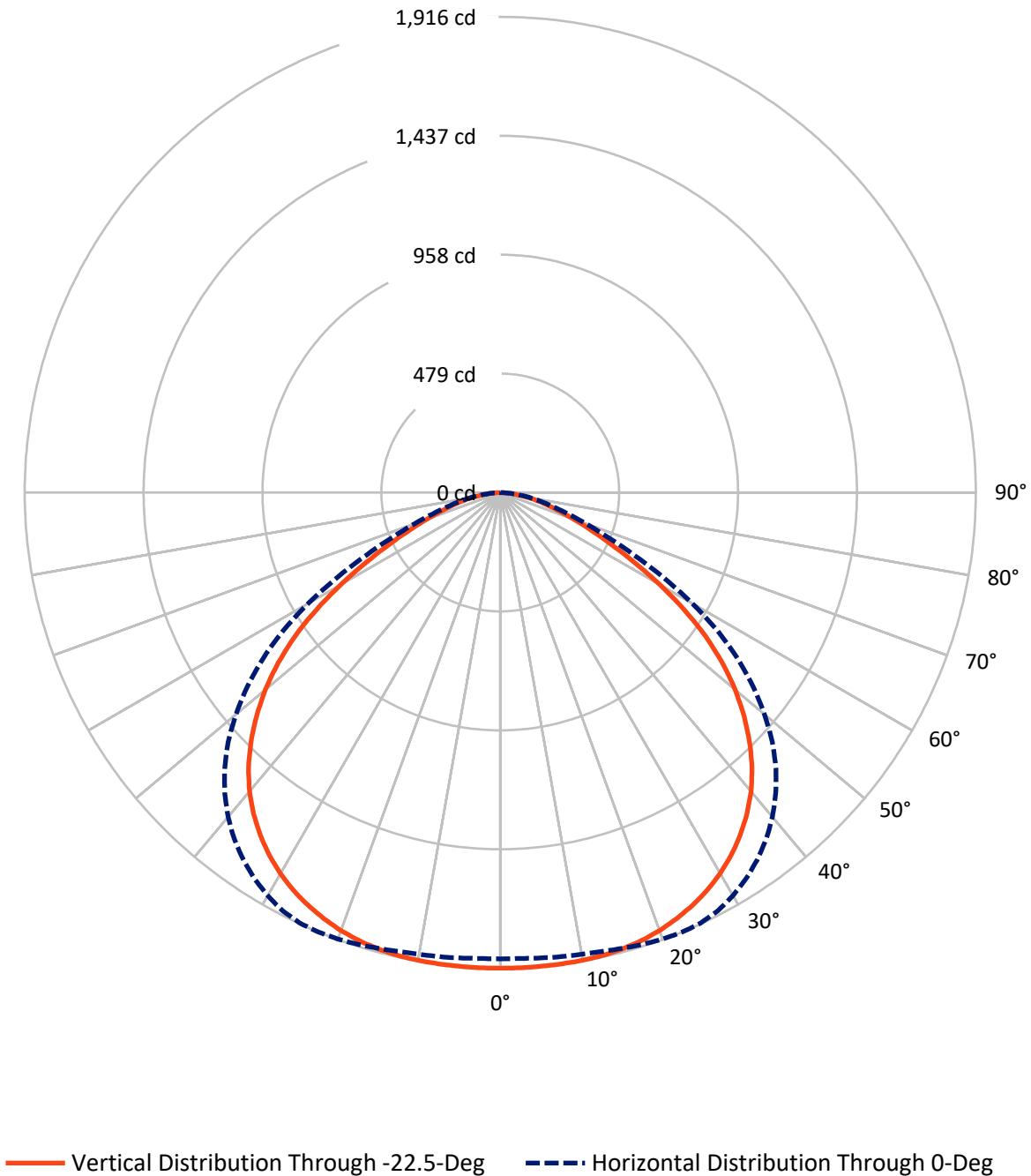
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Lumen Table

90																			
80	0.3	3.0	8.6	14.3	16.7	14.3	8.6	3.0	0.3										
70																			
60	1.4	1.7	3.6	6.2	9.6	13.3	16.4	18.2	18.2	16.4	13.3	9.6	6.2	3.6	1.7				1.4
50																			
40	2.7	2.6	6.1	11.8	19.3	26.5	31.9	34.8	34.8	31.9	26.5	19.3	11.8	6.1	2.6				2.7
30																			
20	3.7	3.8	9.6	19.2	29.4	37.9	43.9	47.0	47.0	43.9	37.9	29.4	19.2	9.6	3.8				3.7
10																			
0	4.1	5.1	13.6	25.4	36.5	45.4	51.4	54.3	54.3	51.4	45.4	36.5	25.4	13.6	5.1				4.1
-10																			
-20	3.7	6.3	16.9	29.7	41.0	49.7	55.2	57.7	57.7	55.2	49.7	41.0	29.7	16.9	6.3				3.7
-30																			
-40	2.7	7.4	19.1	32.3	43.6	51.8	56.2	57.7	57.7	56.2	51.8	43.6	32.3	19.1	7.4				2.7
-50																			
-60	1.4	7.9	20.2	33.5	44.7	52.5	55.9	57.2	57.2	55.9	52.5	44.7	33.5	20.2	7.9				1.4
-70																			
-80	0.3	7.9	20.2	33.5	44.7	52.5	55.9	57.2	57.2	55.9	52.5	44.7	33.5	20.2	7.9				0.3
-90																			

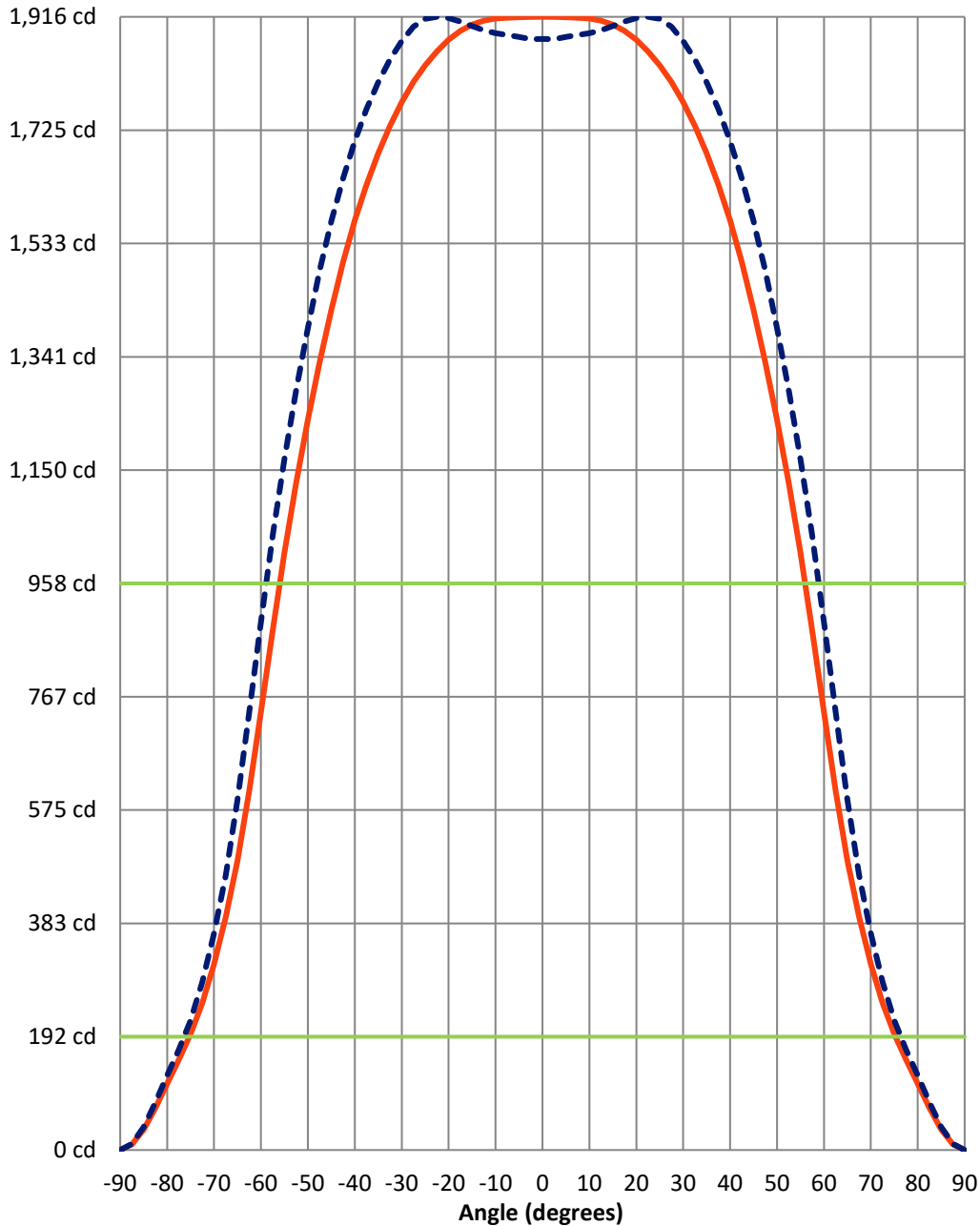
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 4878.5
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 5746.7
 Efficiency: 98.0%

Spill:
 Lumens: 115.3
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.0	4.4
85°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.0	8.9
82.5°	0.0	1.4	2.7	4.1	5.5	6.8	8.1	9.4	11.2	14.6	18.0
80°	0.0	1.8	3.6	5.5	7.3	9.0	11.4	16.1	20.8	25.4	30.0
77.5°	0.0	2.3	4.5	6.8	9.0	12.6	18.6	24.5	30.4	36.2	43.1
75°	0.0	2.7	5.4	8.1	11.4	18.6	25.8	32.9	40.3	50.4	60.2
72.5°	0.0	3.2	6.3	9.4	16.1	24.5	32.9	42.1	54.0	65.7	77.2
70°	0.0	3.6	7.2	11.2	20.8	30.4	40.3	54.0	67.5	80.9	95.3
67.5°	0.0	4.0	8.0	14.6	25.4	36.2	50.4	65.7	80.9	97.3	113.5
65°	0.0	4.4	8.9	18.0	30.0	43.1	60.2	77.2	95.3	113.5	131.2
62.5°	0.0	4.8	9.7	21.4	34.4	51.2	69.9	89.3	109.5	129.3	148.1
60°	0.0	5.2	10.5	24.7	38.8	59.1	79.4	101.5	123.4	144.2	164.6
57.5°	0.0	5.6	12.6	27.8	44.9	66.9	89.5	113.4	136.5	158.7	182.2
55°	0.0	6.0	14.7	30.9	50.9	74.4	99.5	125.0	149.1	173.4	200.1
52.5°	0.0	6.4	16.7	34.0	56.7	81.8	109.1	135.8	161.4	189.0	217.5
50°	0.0	6.7	18.6	36.9	62.4	89.6	118.5	146.2	173.8	204.3	239.1
47.5°	0.0	7.1	20.5	40.0	67.8	97.1	127.4	156.2	186.8	219.0	260.6
45°	0.0	7.4	22.3	43.9	73.1	104.3	135.7	165.9	199.4	237.5	281.4
42.5°	0.0	7.7	24.0	47.7	78.1	111.3	143.7	175.9	211.5	255.4	305.8
40°	0.0	8.0	25.6	51.3	83.1	117.9	151.2	186.0	224.2	272.5	330.0
37.5°	0.0	8.3	27.2	54.7	88.2	124.1	158.4	195.6	238.6	290.0	353.0
35°	0.0	8.6	28.7	57.9	92.9	129.9	165.3	204.6	252.3	309.6	376.5
32.5°	0.0	8.9	30.1	60.9	97.3	135.2	171.9	213.2	265.2	328.0	401.2
30°	0.0	9.1	31.3	63.7	101.5	140.2	178.8	221.8	277.3	345.3	424.4
27.5°	0.0	9.3	32.5	66.4	105.4	144.8	185.1	231.5	289.6	361.3	445.9
25°	0.0	9.5	33.6	68.8	108.9	149.1	190.9	240.5	302.6	378.1	466.1
22.5°	0.0	9.7	34.7	71.0	112.2	153.0	196.2	248.7	314.6	394.3	489.6
20°	0.0	9.9	35.6	73.0	115.1	156.5	201.0	256.1	325.3	408.9	510.8
17.5°	0.0	10.0	36.4	74.7	117.7	159.6	205.3	262.6	334.9	421.9	529.7
15°	0.0	10.1	37.1	76.2	119.9	162.3	209.0	268.3	343.2	433.2	546.2
12.5°	0.0	10.3	37.6	77.5	121.8	164.6	212.1	273.2	350.3	442.9	560.3
10°	0.0	10.3	38.1	78.6	123.4	166.4	214.7	277.2	356.1	450.8	571.8
7.5°	0.0	10.4	38.5	79.4	124.6	167.9	216.7	280.3	360.6	457.0	580.9
5°	0.0	10.5	38.8	80.0	125.5	169.0	218.1	282.5	363.9	461.4	587.3
2.5°	0.0	10.5	38.9	80.4	126.0	169.6	219.0	283.9	365.8	464.1	591.2
0°	0.0	10.5	39.0	80.5	126.2	169.8	219.3	284.3	366.5	465.0	592.5
-2.5°	0.0	10.5	38.9	80.4	126.0	169.6	219.0	283.9	365.8	464.1	591.2
-5°	0.0	10.5	38.8	80.0	125.5	169.0	218.1	282.5	363.9	461.4	587.3
-7.5°	0.0	10.4	38.5	79.4	124.6	167.9	216.7	280.3	360.6	457.0	580.9
-10°	0.0	10.3	38.1	78.6	123.4	166.4	214.7	277.2	356.1	450.8	571.8
-12.5°	0.0	10.3	37.6	77.5	121.8	164.6	212.1	273.2	350.3	442.9	560.3
-15°	0.0	10.1	37.1	76.2	119.9	162.3	209.0	268.3	343.2	433.2	546.2
-17.5°	0.0	10.0	36.4	74.7	117.7	159.6	205.3	262.6	334.9	421.9	529.7
-20°	0.0	9.9	35.6	73.0	115.1	156.5	201.0	256.1	325.3	408.9	510.8

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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	9.7	34.7	71.0	112.2	153.0	196.2	248.7	314.6	394.3	489.6
-25°	0.0	9.5	33.6	68.8	108.9	149.1	190.9	240.5	302.6	378.1	466.1
-27.5°	0.0	9.3	32.5	66.4	105.4	144.8	185.1	231.5	289.6	361.3	445.9
-30°	0.0	9.1	31.3	63.7	101.5	140.2	178.8	221.8	277.3	345.3	424.4
-32.5°	0.0	8.9	30.1	60.9	97.3	135.2	171.9	213.2	265.2	328.0	401.2
-35°	0.0	8.6	28.7	57.9	92.9	129.9	165.3	204.6	252.3	309.6	376.5
-37.5°	0.0	8.3	27.2	54.7	88.2	124.1	158.4	195.6	238.6	290.0	353.0
-40°	0.0	8.0	25.6	51.3	83.1	117.9	151.2	186.0	224.2	272.5	330.0
-42.5°	0.0	7.7	24.0	47.7	78.1	111.3	143.7	175.9	211.5	255.4	305.8
-45°	0.0	7.4	22.3	43.9	73.1	104.3	135.7	165.9	199.4	237.5	281.4
-47.5°	0.0	7.1	20.5	40.0	67.8	97.1	127.4	156.2	186.8	219.0	260.6
-50°	0.0	6.7	18.6	36.9	62.4	89.6	118.5	146.2	173.8	204.3	239.1
-52.5°	0.0	6.4	16.7	34.0	56.7	81.8	109.1	135.8	161.4	189.0	217.5
-55°	0.0	6.0	14.7	30.9	50.9	74.4	99.5	125.0	149.1	173.4	200.1
-57.5°	0.0	5.6	12.6	27.8	44.9	66.9	89.5	113.4	136.5	158.7	182.2
-60°	0.0	5.2	10.5	24.7	38.8	59.1	79.4	101.5	123.4	144.2	164.6
-62.5°	0.0	4.8	9.7	21.4	34.4	51.2	69.9	89.3	109.5	129.3	148.1
-65°	0.0	4.4	8.9	18.0	30.0	43.1	60.2	77.2	95.3	113.5	131.2
-67.5°	0.0	4.0	8.0	14.6	25.4	36.2	50.4	65.7	80.9	97.3	113.5
-70°	0.0	3.6	7.2	11.2	20.8	30.4	40.3	54.0	67.5	80.9	95.3
-72.5°	0.0	3.2	6.3	9.4	16.1	24.5	32.9	42.1	54.0	65.7	77.2
-75°	0.0	2.7	5.4	8.1	11.4	18.6	25.8	32.9	40.3	50.4	60.2
-77.5°	0.0	2.3	4.5	6.8	9.0	12.6	18.6	24.5	30.4	36.2	43.1
-80°	0.0	1.8	3.6	5.5	7.3	9.0	11.4	16.1	20.8	25.4	30.0
-82.5°	0.0	1.4	2.7	4.1	5.5	6.8	8.1	9.4	11.2	14.6	18.0
-85°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.0	8.9
-87.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.0	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
85°	9.7	10.5	12.6	14.7	16.7	18.6	20.5	22.3	24.0	25.6	27.2
82.5°	21.4	24.7	27.8	30.9	34.0	36.9	40.0	43.9	47.7	51.3	54.7
80°	34.4	38.8	44.9	50.9	56.7	62.4	67.8	73.1	78.1	83.1	88.2
77.5°	51.2	59.1	66.9	74.4	81.8	89.6	97.1	104.3	111.3	117.9	124.1
75°	69.9	79.4	89.5	99.5	109.1	118.5	127.4	135.7	143.7	151.2	158.4
72.5°	89.3	101.5	113.4	125.0	135.8	146.2	156.2	165.9	175.9	186.0	195.6
70°	109.5	123.4	136.5	149.1	161.4	173.8	186.8	199.4	211.5	224.2	238.6
67.5°	129.3	144.2	158.7	173.4	189.0	204.3	219.0	237.5	255.4	272.5	290.0
65°	148.1	164.6	182.2	200.1	217.5	239.1	260.6	281.4	305.8	330.0	353.0
62.5°	166.5	186.6	206.7	228.6	253.8	278.2	306.6	335.5	363.3	394.7	425.2
60°	186.6	209.0	234.5	262.6	291.6	325.3	358.0	394.3	430.8	466.1	509.4
57.5°	206.7	234.5	265.6	299.1	336.6	374.6	417.1	458.3	507.7	557.1	606.2
55°	228.6	262.6	299.1	340.4	383.7	430.9	480.3	537.8	593.5	655.5	714.9
52.5°	253.8	291.6	336.6	383.7	435.5	492.3	556.0	621.9	691.3	758.6	824.7
50°	278.2	325.3	374.6	430.9	492.3	562.1	636.2	712.9	788.6	862.5	931.7
47.5°	306.6	358.0	417.1	480.3	556.0	636.2	720.2	803.8	885.4	961.2	1033.9
45°	335.5	394.3	458.3	537.8	621.9	712.9	803.8	893.1	976.1	1054.5	1123.0
42.5°	363.3	430.8	507.7	593.5	691.3	788.6	885.4	976.1	1061.2	1136.6	1205.4
40°	394.7	466.1	557.1	655.5	758.6	862.5	961.2	1054.5	1136.6	1211.7	1281.4
37.5°	425.2	509.4	606.2	714.9	824.7	931.7	1033.9	1123.0	1205.4	1281.4	1348.2
35°	454.2	550.6	658.3	772.5	887.7	996.6	1096.0	1186.7	1268.6	1342.3	1410.6
32.5°	486.4	589.5	707.7	827.8	945.2	1056.0	1154.5	1243.3	1324.7	1399.5	1467.5
30°	519.6	631.5	754.6	879.9	999.2	1107.6	1205.9	1295.8	1376.5	1450.5	1517.0
27.5°	550.6	671.1	799.3	927.1	1048.5	1155.9	1252.9	1341.4	1422.6	1497.1	1561.5
25°	579.2	707.7	840.7	970.3	1090.0	1197.6	1295.5	1383.9	1464.7	1536.1	1598.8
22.5°	607.4	741.3	878.6	1009.9	1128.1	1235.0	1332.0	1420.6	1501.4	1572.2	1632.4
20°	634.9	772.5	912.0	1045.0	1162.7	1268.9	1365.1	1453.6	1532.3	1600.8	1660.7
17.5°	659.3	800.3	941.3	1073.4	1191.1	1297.8	1394.5	1483.3	1560.0	1626.6	1685.1
15°	680.6	824.7	967.0	1098.2	1215.6	1321.9	1418.5	1506.3	1582.6	1648.6	1706.7
12.5°	698.8	845.4	988.8	1119.4	1236.5	1342.4	1439.1	1525.7	1600.7	1665.9	1722.7
10°	713.7	862.5	1006.8	1136.8	1253.8	1359.4	1456.2	1541.7	1615.7	1680.2	1736.1
7.5°	725.4	875.9	1020.9	1150.5	1267.3	1372.7	1469.6	1554.3	1627.5	1691.5	1746.6
5°	733.8	885.4	1031.0	1160.3	1277.0	1382.3	1479.2	1563.4	1636.0	1699.6	1754.2
2.5°	738.8	891.2	1037.1	1166.2	1282.8	1388.1	1485.0	1568.9	1641.2	1704.6	1758.8
0°	740.5	893.1	1039.1	1168.2	1284.8	1390.0	1486.9	1570.7	1642.9	1706.2	1760.3
-2.5°	738.8	891.2	1037.1	1166.2	1282.8	1388.1	1485.0	1568.9	1641.2	1704.6	1758.8
-5°	733.8	885.4	1031.0	1160.3	1277.0	1382.3	1479.2	1563.4	1636.0	1699.6	1754.2
-7.5°	725.4	875.9	1020.9	1150.5	1267.3	1372.7	1469.6	1554.3	1627.5	1691.5	1746.6
-10°	713.7	862.5	1006.8	1136.8	1253.8	1359.4	1456.2	1541.7	1615.7	1680.2	1736.1
-12.5°	698.8	845.4	988.8	1119.4	1236.5	1342.4	1439.1	1525.7	1600.7	1665.9	1722.7
-15°	680.6	824.7	967.0	1098.2	1215.6	1321.9	1418.5	1506.3	1582.6	1648.6	1706.7
-17.5°	659.3	800.3	941.3	1073.4	1191.1	1297.8	1394.5	1483.3	1560.0	1626.6	1685.1
-20°	634.9	772.5	912.0	1045.0	1162.7	1268.9	1365.1	1453.6	1532.3	1600.8	1660.7

Classified

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

Scaled Data Report



REPORT NUMBER: P645326 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	607.4	741.3	878.6	1009.9	1128.1	1235.0	1332.0	1420.6	1501.4	1572.2	1632.4
-25°	579.2	707.7	840.7	970.3	1090.0	1197.6	1295.5	1383.9	1464.7	1536.1	1598.8
-27.5°	550.6	671.1	799.3	927.1	1048.5	1155.9	1252.9	1341.4	1422.6	1497.1	1561.5
-30°	519.6	631.5	754.6	879.9	999.2	1107.6	1205.9	1295.8	1376.5	1450.5	1517.0
-32.5°	486.4	589.5	707.7	827.8	945.2	1056.0	1154.5	1243.3	1324.7	1399.5	1467.5
-35°	454.2	550.6	658.3	772.5	887.7	996.6	1096.0	1186.7	1268.6	1342.3	1410.6
-37.5°	425.2	509.4	606.2	714.9	824.7	931.7	1033.9	1123.0	1205.4	1281.4	1348.2
-40°	394.7	466.1	557.1	655.5	758.6	862.5	961.2	1054.5	1136.6	1211.7	1281.4
-42.5°	363.3	430.8	507.7	593.5	691.3	788.6	885.4	976.1	1061.2	1136.6	1205.4
-45°	335.5	394.3	458.3	537.8	621.9	712.9	803.8	893.1	976.1	1054.5	1123.0
-47.5°	306.6	358.0	417.1	480.3	556.0	636.2	720.2	803.8	885.4	961.2	1033.9
-50°	278.2	325.3	374.6	430.9	492.3	562.1	636.2	712.9	788.6	862.5	931.7
-52.5°	253.8	291.6	336.6	383.7	435.5	492.3	556.0	621.9	691.3	758.6	824.7
-55°	228.6	262.6	299.1	340.4	383.7	430.9	480.3	537.8	593.5	655.5	714.9
-57.5°	206.7	234.5	265.6	299.1	336.6	374.6	417.1	458.3	507.7	557.1	606.2
-60°	186.6	209.0	234.5	262.6	291.6	325.3	358.0	394.3	430.8	466.1	509.4
-62.5°	166.5	186.6	206.7	228.6	253.8	278.2	306.6	335.5	363.3	394.7	425.2
-65°	148.1	164.6	182.2	200.1	217.5	239.1	260.6	281.4	305.8	330.0	353.0
-67.5°	129.3	144.2	158.7	173.4	189.0	204.3	219.0	237.5	255.4	272.5	290.0
-70°	109.5	123.4	136.5	149.1	161.4	173.8	186.8	199.4	211.5	224.2	238.6
-72.5°	89.3	101.5	113.4	125.0	135.8	146.2	156.2	165.9	175.9	186.0	195.6
-75°	69.9	79.4	89.5	99.5	109.1	118.5	127.4	135.7	143.7	151.2	158.4
-77.5°	51.2	59.1	66.9	74.4	81.8	89.6	97.1	104.3	111.3	117.9	124.1
-80°	34.4	38.8	44.9	50.9	56.7	62.4	67.8	73.1	78.1	83.1	88.2
-82.5°	21.4	24.7	27.8	30.9	34.0	36.9	40.0	43.9	47.7	51.3	54.7
-85°	9.7	10.5	12.6	14.7	16.7	18.6	20.5	22.3	24.0	25.6	27.2
-87.5°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
-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: P645326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-LAM-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°	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.0	10.1	10.3	10.3
85°	28.7	30.1	31.3	32.5	33.6	34.7	35.6	36.4	37.1	37.6	38.1
82.5°	57.9	60.9	63.7	66.4	68.8	71.0	73.0	74.7	76.2	77.5	78.6
80°	92.9	97.3	101.5	105.4	108.9	112.2	115.1	117.7	119.9	121.8	123.4
77.5°	129.9	135.2	140.2	144.8	149.1	153.0	156.5	159.6	162.3	164.6	166.4
75°	165.3	171.9	178.8	185.1	190.9	196.2	201.0	205.3	209.0	212.1	214.7
72.5°	204.6	213.2	221.8	231.5	240.5	248.7	256.1	262.6	268.3	273.2	277.2
70°	252.3	265.2	277.3	289.6	302.6	314.6	325.3	334.9	343.2	350.3	356.1
67.5°	309.6	328.0	345.3	361.3	378.1	394.3	408.9	421.9	433.2	442.9	450.8
65°	376.5	401.2	424.4	445.9	466.1	489.6	510.8	529.7	546.2	560.3	571.8
62.5°	454.2	486.4	519.6	550.6	579.2	607.4	634.9	659.3	680.6	698.8	713.7
60°	550.6	589.5	631.5	671.1	707.7	741.3	772.5	800.3	824.7	845.4	862.5
57.5°	658.3	707.7	754.6	799.3	840.7	878.6	912.0	941.3	967.0	988.8	1006.8
55°	772.5	827.8	879.9	927.1	970.3	1009.9	1045.0	1073.4	1098.2	1119.4	1136.8
52.5°	887.7	945.2	999.2	1048.5	1090.0	1128.1	1162.7	1191.1	1215.6	1236.5	1253.8
50°	996.6	1056.0	1107.6	1155.9	1197.6	1235.0	1268.9	1297.8	1321.9	1342.4	1359.4
47.5°	1096.0	1154.5	1205.9	1252.9	1295.5	1332.0	1365.1	1394.5	1418.5	1439.1	1456.2
45°	1186.7	1243.3	1295.8	1341.4	1383.9	1420.6	1453.6	1483.3	1506.3	1525.7	1541.7
42.5°	1268.6	1324.7	1376.5	1422.6	1464.7	1501.4	1532.3	1560.0	1582.6	1600.7	1615.7
40°	1342.3	1399.5	1450.5	1497.1	1536.1	1572.2	1600.8	1626.6	1648.6	1665.9	1680.2
37.5°	1410.6	1467.5	1517.0	1561.5	1598.8	1632.4	1660.7	1685.1	1706.7	1722.7	1736.1
35°	1473.1	1527.1	1576.1	1617.0	1654.0	1685.5	1713.4	1735.9	1756.0	1771.3	1783.4
32.5°	1527.1	1580.6	1626.1	1666.3	1702.4	1731.9	1758.6	1779.3	1797.5	1812.2	1823.4
30°	1576.1	1626.1	1670.5	1710.3	1743.2	1771.9	1796.0	1816.1	1832.9	1846.9	1856.9
27.5°	1617.0	1666.3	1710.3	1747.0	1778.5	1806.1	1828.1	1847.5	1862.2	1875.1	1883.7
25°	1654.0	1702.4	1743.2	1778.5	1809.1	1834.2	1855.2	1872.8	1885.8	1896.9	1903.2
22.5°	1685.5	1731.9	1771.9	1806.1	1834.2	1857.8	1877.6	1892.5	1903.1	1909.8	1913.6
20°	1713.4	1758.6	1796.0	1828.1	1855.2	1877.6	1894.7	1905.7	1913.2	1915.0	1916.1
17.5°	1735.9	1779.3	1816.1	1847.5	1872.8	1892.5	1905.7	1913.5	1915.8	1915.4	1914.3
15°	1756.0	1797.5	1832.9	1862.2	1885.8	1903.1	1913.2	1915.8	1915.1	1912.9	1909.4
12.5°	1771.3	1812.2	1846.9	1875.1	1896.9	1909.8	1915.0	1915.4	1912.9	1908.6	1903.6
10°	1783.4	1823.4	1856.9	1883.7	1903.2	1913.6	1916.1	1914.3	1909.4	1903.6	1898.2
7.5°	1793.0	1832.4	1864.8	1890.5	1907.4	1914.7	1915.3	1911.8	1906.0	1899.4	1893.6
5°	1800.0	1838.9	1870.5	1895.5	1910.4	1915.6	1914.7	1909.9	1903.1	1896.3	1890.9
2.5°	1804.2	1842.8	1874.0	1898.5	1912.3	1916.1	1914.3	1908.7	1901.3	1894.3	1889.2
0°	1805.6	1844.1	1875.2	1899.5	1912.9	1916.3	1914.2	1908.3	1900.7	1893.6	1888.6
-2.5°	1804.2	1842.8	1874.0	1898.5	1912.3	1916.1	1914.3	1908.7	1901.3	1894.3	1889.2
-5°	1800.0	1838.9	1870.5	1895.5	1910.4	1915.6	1914.7	1909.9	1903.1	1896.3	1890.9
-7.5°	1793.0	1832.4	1864.8	1890.5	1907.4	1914.7	1915.3	1911.8	1906.0	1899.4	1893.6
-10°	1783.4	1823.4	1856.9	1883.7	1903.2	1913.6	1916.1	1914.3	1909.4	1903.6	1898.2
-12.5°	1771.3	1812.2	1846.9	1875.1	1896.9	1909.8	1915.0	1915.4	1912.9	1908.6	1903.6
-15°	1756.0	1797.5	1832.9	1862.2	1885.8	1903.1	1913.2	1915.8	1915.1	1912.9	1909.4
-17.5°	1735.9	1779.3	1816.1	1847.5	1872.8	1892.5	1905.7	1913.5	1915.8	1915.4	1914.3
-20°	1713.4	1758.6	1796.0	1828.1	1855.2	1877.6	1894.7	1905.7	1913.2	1915.0	1916.1

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Scaled Data Report



REPORT NUMBER: P645326 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1685.5	1731.9	1771.9	1806.1	1834.2	1857.8	1877.6	1892.5	1903.1	1909.8	1913.6
-25°	1654.0	1702.4	1743.2	1778.5	1809.1	1834.2	1855.2	1872.8	1885.8	1896.9	1903.2
-27.5°	1617.0	1666.3	1710.3	1747.0	1778.5	1806.1	1828.1	1847.5	1862.2	1875.1	1883.7
-30°	1576.1	1626.1	1670.5	1710.3	1743.2	1771.9	1796.0	1816.1	1832.9	1846.9	1856.9
-32.5°	1527.1	1580.6	1626.1	1666.3	1702.4	1731.9	1758.6	1779.3	1797.5	1812.2	1823.4
-35°	1473.1	1527.1	1576.1	1617.0	1654.0	1685.5	1713.4	1735.9	1756.0	1771.3	1783.4
-37.5°	1410.6	1467.5	1517.0	1561.5	1598.8	1632.4	1660.7	1685.1	1706.7	1722.7	1736.1
-40°	1342.3	1399.5	1450.5	1497.1	1536.1	1572.2	1600.8	1626.6	1648.6	1665.9	1680.2
-42.5°	1268.6	1324.7	1376.5	1422.6	1464.7	1501.4	1532.3	1560.0	1582.6	1600.7	1615.7
-45°	1186.7	1243.3	1295.8	1341.4	1383.9	1420.6	1453.6	1483.3	1506.3	1525.7	1541.7
-47.5°	1096.0	1154.5	1205.9	1252.9	1295.5	1332.0	1365.1	1394.5	1418.5	1439.1	1456.2
-50°	996.6	1056.0	1107.6	1155.9	1197.6	1235.0	1268.9	1297.8	1321.9	1342.4	1359.4
-52.5°	887.7	945.2	999.2	1048.5	1090.0	1128.1	1162.7	1191.1	1215.6	1236.5	1253.8
-55°	772.5	827.8	879.9	927.1	970.3	1009.9	1045.0	1073.4	1098.2	1119.4	1136.8
-57.5°	658.3	707.7	754.6	799.3	840.7	878.6	912.0	941.3	967.0	988.8	1006.8
-60°	550.6	589.5	631.5	671.1	707.7	741.3	772.5	800.3	824.7	845.4	862.5
-62.5°	454.2	486.4	519.6	550.6	579.2	607.4	634.9	659.3	680.6	698.8	713.7
-65°	376.5	401.2	424.4	445.9	466.1	489.6	510.8	529.7	546.2	560.3	571.8
-67.5°	309.6	328.0	345.3	361.3	378.1	394.3	408.9	421.9	433.2	442.9	450.8
-70°	252.3	265.2	277.3	289.6	302.6	314.6	325.3	334.9	343.2	350.3	356.1
-72.5°	204.6	213.2	221.8	231.5	240.5	248.7	256.1	262.6	268.3	273.2	277.2
-75°	165.3	171.9	178.8	185.1	190.9	196.2	201.0	205.3	209.0	212.1	214.7
-77.5°	129.9	135.2	140.2	144.8	149.1	153.0	156.5	159.6	162.3	164.6	166.4
-80°	92.9	97.3	101.5	105.4	108.9	112.2	115.1	117.7	119.9	121.8	123.4
-82.5°	57.9	60.9	63.7	66.4	68.8	71.0	73.0	74.7	76.2	77.5	78.6
-85°	28.7	30.1	31.3	32.5	33.6	34.7	35.6	36.4	37.1	37.6	38.1
-87.5°	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.0	10.1	10.3	10.3
-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: P645326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-LAM-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°	10.4	10.5	10.5	10.5	10.5	10.5	10.4	10.3	10.3	10.1	10.0
85°	38.5	38.8	38.9	39.0	38.9	38.8	38.5	38.1	37.6	37.1	36.4
82.5°	79.4	80.0	80.4	80.5	80.4	80.0	79.4	78.6	77.5	76.2	74.7
80°	124.6	125.5	126.0	126.2	126.0	125.5	124.6	123.4	121.8	119.9	117.7
77.5°	167.9	169.0	169.6	169.8	169.6	169.0	167.9	166.4	164.6	162.3	159.6
75°	216.7	218.1	219.0	219.3	219.0	218.1	216.7	214.7	212.1	209.0	205.3
72.5°	280.3	282.5	283.9	284.3	283.9	282.5	280.3	277.2	273.2	268.3	262.6
70°	360.6	363.9	365.8	366.5	365.8	363.9	360.6	356.1	350.3	343.2	334.9
67.5°	457.0	461.4	464.1	465.0	464.1	461.4	457.0	450.8	442.9	433.2	421.9
65°	580.9	587.3	591.2	592.5	591.2	587.3	580.9	571.8	560.3	546.2	529.7
62.5°	725.4	733.8	738.8	740.5	738.8	733.8	725.4	713.7	698.8	680.6	659.3
60°	875.9	885.4	891.2	893.1	891.2	885.4	875.9	862.5	845.4	824.7	800.3
57.5°	1020.9	1031.0	1037.1	1039.1	1037.1	1031.0	1020.9	1006.8	988.8	967.0	941.3
55°	1150.5	1160.3	1166.2	1168.2	1166.2	1160.3	1150.5	1136.8	1119.4	1098.2	1073.4
52.5°	1267.3	1277.0	1282.8	1284.8	1282.8	1277.0	1267.3	1253.8	1236.5	1215.6	1191.1
50°	1372.7	1382.3	1388.1	1390.0	1388.1	1382.3	1372.7	1359.4	1342.4	1321.9	1297.8
47.5°	1469.6	1479.2	1485.0	1486.9	1485.0	1479.2	1469.6	1456.2	1439.1	1418.5	1394.5
45°	1554.3	1563.4	1568.9	1570.7	1568.9	1563.4	1554.3	1541.7	1525.7	1506.3	1483.3
42.5°	1627.5	1636.0	1641.2	1642.9	1641.2	1636.0	1627.5	1615.7	1600.7	1582.6	1560.0
40°	1691.5	1699.6	1704.6	1706.2	1704.6	1699.6	1691.5	1680.2	1665.9	1648.6	1626.6
37.5°	1746.6	1754.2	1758.8	1760.3	1758.8	1754.2	1746.6	1736.1	1722.7	1706.7	1685.1
35°	1793.0	1800.0	1804.2	1805.6	1804.2	1800.0	1793.0	1783.4	1771.3	1756.0	1735.9
32.5°	1832.4	1838.9	1842.8	1844.1	1842.8	1838.9	1832.4	1823.4	1812.2	1797.5	1779.3
30°	1864.8	1870.5	1874.0	1875.2	1874.0	1870.5	1864.8	1856.9	1846.9	1832.9	1816.1
27.5°	1890.5	1895.5	1898.5	1899.5	1898.5	1895.5	1890.5	1883.7	1875.1	1862.2	1847.5
25°	1907.4	1910.4	1912.3	1912.9	1912.3	1910.4	1907.4	1903.2	1896.9	1885.8	1872.8
22.5°	1914.7	1915.6	1916.1	1916.3	1916.1	1915.6	1914.7	1913.6	1909.8	1903.1	1892.5
20°	1915.3	1914.7	1914.3	1914.2	1914.3	1914.7	1915.3	1916.1	1915.0	1913.2	1905.7
17.5°	1911.8	1909.9	1908.7	1908.3	1908.7	1909.9	1911.8	1914.3	1915.4	1915.8	1913.5
15°	1906.0	1903.1	1901.3	1900.7	1901.3	1903.1	1906.0	1909.4	1912.9	1915.1	1915.8
12.5°	1899.4	1896.3	1894.3	1893.6	1894.3	1896.3	1899.4	1903.6	1908.6	1912.9	1915.4
10°	1893.6	1890.9	1889.2	1888.6	1889.2	1890.9	1893.6	1898.2	1903.6	1909.4	1914.3
7.5°	1889.8	1887.4	1886.1	1885.6	1886.1	1887.4	1889.8	1893.6	1899.4	1906.0	1911.8
5°	1887.4	1885.0	1883.1	1882.3	1883.1	1885.0	1887.4	1890.9	1896.3	1903.1	1909.9
2.5°	1886.1	1883.1	1880.1	1878.5	1880.1	1883.1	1886.1	1889.2	1894.3	1901.3	1908.7
0°	1885.6	1882.3	1878.5	1878.9	1878.5	1882.3	1885.6	1888.6	1893.6	1900.7	1908.3
-2.5°	1886.1	1883.1	1880.1	1878.5	1880.1	1883.1	1886.1	1889.2	1894.3	1901.3	1908.7
-5°	1887.4	1885.0	1883.1	1882.3	1883.1	1885.0	1887.4	1890.9	1896.3	1903.1	1909.9
-7.5°	1889.8	1887.4	1886.1	1885.6	1886.1	1887.4	1889.8	1893.6	1899.4	1906.0	1911.8
-10°	1893.6	1890.9	1889.2	1888.6	1889.2	1890.9	1893.6	1898.2	1903.6	1909.4	1914.3
-12.5°	1899.4	1896.3	1894.3	1893.6	1894.3	1896.3	1899.4	1903.6	1908.6	1912.9	1915.4
-15°	1906.0	1903.1	1901.3	1900.7	1901.3	1903.1	1906.0	1909.4	1912.9	1915.1	1915.8
-17.5°	1911.8	1909.9	1908.7	1908.3	1908.7	1909.9	1911.8	1914.3	1915.4	1915.8	1913.5
-20°	1915.3	1914.7	1914.3	1914.2	1914.3	1914.7	1915.3	1916.1	1915.0	1913.2	1905.7

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REPORT NUMBER: P645326 (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°
-22.5°	1914.7	1915.6	1916.1	1916.3	1916.1	1915.6	1914.7	1913.6	1909.8	1903.1	1892.5
-25°	1907.4	1910.4	1912.3	1912.9	1912.3	1910.4	1907.4	1903.2	1896.9	1885.8	1872.8
-27.5°	1890.5	1895.5	1898.5	1899.5	1898.5	1895.5	1890.5	1883.7	1875.1	1862.2	1847.5
-30°	1864.8	1870.5	1874.0	1875.2	1874.0	1870.5	1864.8	1856.9	1846.9	1832.9	1816.1
-32.5°	1832.4	1838.9	1842.8	1844.1	1842.8	1838.9	1832.4	1823.4	1812.2	1797.5	1779.3
-35°	1793.0	1800.0	1804.2	1805.6	1804.2	1800.0	1793.0	1783.4	1771.3	1756.0	1735.9
-37.5°	1746.6	1754.2	1758.8	1760.3	1758.8	1754.2	1746.6	1736.1	1722.7	1706.7	1685.1
-40°	1691.5	1699.6	1704.6	1706.2	1704.6	1699.6	1691.5	1680.2	1665.9	1648.6	1626.6
-42.5°	1627.5	1636.0	1641.2	1642.9	1641.2	1636.0	1627.5	1615.7	1600.7	1582.6	1560.0
-45°	1554.3	1563.4	1568.9	1570.7	1568.9	1563.4	1554.3	1541.7	1525.7	1506.3	1483.3
-47.5°	1469.6	1479.2	1485.0	1486.9	1485.0	1479.2	1469.6	1456.2	1439.1	1418.5	1394.5
-50°	1372.7	1382.3	1388.1	1390.0	1388.1	1382.3	1372.7	1359.4	1342.4	1321.9	1297.8
-52.5°	1267.3	1277.0	1282.8	1284.8	1282.8	1277.0	1267.3	1253.8	1236.5	1215.6	1191.1
-55°	1150.5	1160.3	1166.2	1168.2	1166.2	1160.3	1150.5	1136.8	1119.4	1098.2	1073.4
-57.5°	1020.9	1031.0	1037.1	1039.1	1037.1	1031.0	1020.9	1006.8	988.8	967.0	941.3
-60°	875.9	885.4	891.2	893.1	891.2	885.4	875.9	862.5	845.4	824.7	800.3
-62.5°	725.4	733.8	738.8	740.5	738.8	733.8	725.4	713.7	698.8	680.6	659.3
-65°	580.9	587.3	591.2	592.5	591.2	587.3	580.9	571.8	560.3	546.2	529.7
-67.5°	457.0	461.4	464.1	465.0	464.1	461.4	457.0	450.8	442.9	433.2	421.9
-70°	360.6	363.9	365.8	366.5	365.8	363.9	360.6	356.1	350.3	343.2	334.9
-72.5°	280.3	282.5	283.9	284.3	283.9	282.5	280.3	277.2	273.2	268.3	262.6
-75°	216.7	218.1	219.0	219.3	219.0	218.1	216.7	214.7	212.1	209.0	205.3
-77.5°	167.9	169.0	169.6	169.8	169.6	169.0	167.9	166.4	164.6	162.3	159.6
-80°	124.6	125.5	126.0	126.2	126.0	125.5	124.6	123.4	121.8	119.9	117.7
-82.5°	79.4	80.0	80.4	80.5	80.4	80.0	79.4	78.6	77.5	76.2	74.7
-85°	38.5	38.8	38.9	39.0	38.9	38.8	38.5	38.1	37.6	37.1	36.4
-87.5°	10.4	10.5	10.5	10.5	10.5	10.5	10.4	10.3	10.3	10.1	10.0
-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: P645326 (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°	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.3	8.0	7.7	7.4
85°	35.6	34.7	33.6	32.5	31.3	30.1	28.7	27.2	25.6	24.0	22.3
82.5°	73.0	71.0	68.8	66.4	63.7	60.9	57.9	54.7	51.3	47.7	43.9
80°	115.1	112.2	108.9	105.4	101.5	97.3	92.9	88.2	83.1	78.1	73.1
77.5°	156.5	153.0	149.1	144.8	140.2	135.2	129.9	124.1	117.9	111.3	104.3
75°	201.0	196.2	190.9	185.1	178.8	171.9	165.3	158.4	151.2	143.7	135.7
72.5°	256.1	248.7	240.5	231.5	221.8	213.2	204.6	195.6	186.0	175.9	165.9
70°	325.3	314.6	302.6	289.6	277.3	265.2	252.3	238.6	224.2	211.5	199.4
67.5°	408.9	394.3	378.1	361.3	345.3	328.0	309.6	290.0	272.5	255.4	237.5
65°	510.8	489.6	466.1	445.9	424.4	401.2	376.5	353.0	330.0	305.8	281.4
62.5°	634.9	607.4	579.2	550.6	519.6	486.4	454.2	425.2	394.7	363.3	335.5
60°	772.5	741.3	707.7	671.1	631.5	589.5	550.6	509.4	466.1	430.8	394.3
57.5°	912.0	878.6	840.7	799.3	754.6	707.7	658.3	606.2	557.1	507.7	458.3
55°	1045.0	1009.9	970.3	927.1	879.9	827.8	772.5	714.9	655.5	593.5	537.8
52.5°	1162.7	1128.1	1090.0	1048.5	999.2	945.2	887.7	824.7	758.6	691.3	621.9
50°	1268.9	1235.0	1197.6	1155.9	1107.6	1056.0	996.6	931.7	862.5	788.6	712.9
47.5°	1365.1	1332.0	1295.5	1252.9	1205.9	1154.5	1096.0	1033.9	961.2	885.4	803.8
45°	1453.6	1420.6	1383.9	1341.4	1295.8	1243.3	1186.7	1123.0	1054.5	976.1	893.1
42.5°	1532.3	1501.4	1464.7	1422.6	1376.5	1324.7	1268.6	1205.4	1136.6	1061.2	976.1
40°	1600.8	1572.2	1536.1	1497.1	1450.5	1399.5	1342.3	1281.4	1211.7	1136.6	1054.5
37.5°	1660.7	1632.4	1598.8	1561.5	1517.0	1467.5	1410.6	1348.2	1281.4	1205.4	1123.0
35°	1713.4	1685.5	1654.0	1617.0	1576.1	1527.1	1473.1	1410.6	1342.3	1268.6	1186.7
32.5°	1758.6	1731.9	1702.4	1666.3	1626.1	1580.6	1527.1	1467.5	1399.5	1324.7	1243.3
30°	1796.0	1771.9	1743.2	1710.3	1670.5	1626.1	1576.1	1517.0	1450.5	1376.5	1295.8
27.5°	1828.1	1806.1	1778.5	1747.0	1710.3	1666.3	1617.0	1561.5	1497.1	1422.6	1341.4
25°	1855.2	1834.2	1809.1	1778.5	1743.2	1702.4	1654.0	1598.8	1536.1	1464.7	1383.9
22.5°	1877.6	1857.8	1834.2	1806.1	1771.9	1731.9	1685.5	1632.4	1572.2	1501.4	1420.6
20°	1894.7	1877.6	1855.2	1828.1	1796.0	1758.6	1713.4	1660.7	1600.8	1532.3	1453.6
17.5°	1905.7	1892.5	1872.8	1847.5	1816.1	1779.3	1735.9	1685.1	1626.6	1560.0	1483.3
15°	1913.2	1903.1	1885.8	1862.2	1832.9	1797.5	1756.0	1706.7	1648.6	1582.6	1506.3
12.5°	1915.0	1909.8	1896.9	1875.1	1846.9	1812.2	1771.3	1722.7	1665.9	1600.7	1525.7
10°	1916.1	1913.6	1903.2	1883.7	1856.9	1823.4	1783.4	1736.1	1680.2	1615.7	1541.7
7.5°	1915.3	1914.7	1907.4	1890.5	1864.8	1832.4	1793.0	1746.6	1691.5	1627.5	1554.3
5°	1914.7	1915.6	1910.4	1895.5	1870.5	1838.9	1800.0	1754.2	1699.6	1636.0	1563.4
2.5°	1914.3	1916.1	1912.3	1898.5	1874.0	1842.8	1804.2	1758.8	1704.6	1641.2	1568.9
0°	1914.2	1916.3	1912.9	1899.5	1875.2	1844.1	1805.6	1760.3	1706.2	1642.9	1570.7
-2.5°	1914.3	1916.1	1912.3	1898.5	1874.0	1842.8	1804.2	1758.8	1704.6	1641.2	1568.9
-5°	1914.7	1915.6	1910.4	1895.5	1870.5	1838.9	1800.0	1754.2	1699.6	1636.0	1563.4
-7.5°	1915.3	1914.7	1907.4	1890.5	1864.8	1832.4	1793.0	1746.6	1691.5	1627.5	1554.3
-10°	1916.1	1913.6	1903.2	1883.7	1856.9	1823.4	1783.4	1736.1	1680.2	1615.7	1541.7
-12.5°	1915.0	1909.8	1896.9	1875.1	1846.9	1812.2	1771.3	1722.7	1665.9	1600.7	1525.7
-15°	1913.2	1903.1	1885.8	1862.2	1832.9	1797.5	1756.0	1706.7	1648.6	1582.6	1506.3
-17.5°	1905.7	1892.5	1872.8	1847.5	1816.1	1779.3	1735.9	1685.1	1626.6	1560.0	1483.3
-20°	1894.7	1877.6	1855.2	1828.1	1796.0	1758.6	1713.4	1660.7	1600.8	1532.3	1453.6

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REPORT NUMBER: P645326 (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°
-22.5°	1877.6	1857.8	1834.2	1806.1	1771.9	1731.9	1685.5	1632.4	1572.2	1501.4	1420.6
-25°	1855.2	1834.2	1809.1	1778.5	1743.2	1702.4	1654.0	1598.8	1536.1	1464.7	1383.9
-27.5°	1828.1	1806.1	1778.5	1747.0	1710.3	1666.3	1617.0	1561.5	1497.1	1422.6	1341.4
-30°	1796.0	1771.9	1743.2	1710.3	1670.5	1626.1	1576.1	1517.0	1450.5	1376.5	1295.8
-32.5°	1758.6	1731.9	1702.4	1666.3	1626.1	1580.6	1527.1	1467.5	1399.5	1324.7	1243.3
-35°	1713.4	1685.5	1654.0	1617.0	1576.1	1527.1	1473.1	1410.6	1342.3	1268.6	1186.7
-37.5°	1660.7	1632.4	1598.8	1561.5	1517.0	1467.5	1410.6	1348.2	1281.4	1205.4	1123.0
-40°	1600.8	1572.2	1536.1	1497.1	1450.5	1399.5	1342.3	1281.4	1211.7	1136.6	1054.5
-42.5°	1532.3	1501.4	1464.7	1422.6	1376.5	1324.7	1268.6	1205.4	1136.6	1061.2	976.1
-45°	1453.6	1420.6	1383.9	1341.4	1295.8	1243.3	1186.7	1123.0	1054.5	976.1	893.1
-47.5°	1365.1	1332.0	1295.5	1252.9	1205.9	1154.5	1096.0	1033.9	961.2	885.4	803.8
-50°	1268.9	1235.0	1197.6	1155.9	1107.6	1056.0	996.6	931.7	862.5	788.6	712.9
-52.5°	1162.7	1128.1	1090.0	1048.5	999.2	945.2	887.7	824.7	758.6	691.3	621.9
-55°	1045.0	1009.9	970.3	927.1	879.9	827.8	772.5	714.9	655.5	593.5	537.8
-57.5°	912.0	878.6	840.7	799.3	754.6	707.7	658.3	606.2	557.1	507.7	458.3
-60°	772.5	741.3	707.7	671.1	631.5	589.5	550.6	509.4	466.1	430.8	394.3
-62.5°	634.9	607.4	579.2	550.6	519.6	486.4	454.2	425.2	394.7	363.3	335.5
-65°	510.8	489.6	466.1	445.9	424.4	401.2	376.5	353.0	330.0	305.8	281.4
-67.5°	408.9	394.3	378.1	361.3	345.3	328.0	309.6	290.0	272.5	255.4	237.5
-70°	325.3	314.6	302.6	289.6	277.3	265.2	252.3	238.6	224.2	211.5	199.4
-72.5°	256.1	248.7	240.5	231.5	221.8	213.2	204.6	195.6	186.0	175.9	165.9
-75°	201.0	196.2	190.9	185.1	178.8	171.9	165.3	158.4	151.2	143.7	135.7
-77.5°	156.5	153.0	149.1	144.8	140.2	135.2	129.9	124.1	117.9	111.3	104.3
-80°	115.1	112.2	108.9	105.4	101.5	97.3	92.9	88.2	83.1	78.1	73.1
-82.5°	73.0	71.0	68.8	66.4	63.7	60.9	57.9	54.7	51.3	47.7	43.9
-85°	35.6	34.7	33.6	32.5	31.3	30.1	28.7	27.2	25.6	24.0	22.3
-87.5°	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.3	8.0	7.7	7.4
-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: P645326 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2
85°	20.5	18.6	16.7	14.7	12.6	10.5	9.7	8.9	8.0	7.2	6.3
82.5°	40.0	36.9	34.0	30.9	27.8	24.7	21.4	18.0	14.6	11.2	9.4
80°	67.8	62.4	56.7	50.9	44.9	38.8	34.4	30.0	25.4	20.8	16.1
77.5°	97.1	89.6	81.8	74.4	66.9	59.1	51.2	43.1	36.2	30.4	24.5
75°	127.4	118.5	109.1	99.5	89.5	79.4	69.9	60.2	50.4	40.3	32.9
72.5°	156.2	146.2	135.8	125.0	113.4	101.5	89.3	77.2	65.7	54.0	42.1
70°	186.8	173.8	161.4	149.1	136.5	123.4	109.5	95.3	80.9	67.5	54.0
67.5°	219.0	204.3	189.0	173.4	158.7	144.2	129.3	113.5	97.3	80.9	65.7
65°	260.6	239.1	217.5	200.1	182.2	164.6	148.1	131.2	113.5	95.3	77.2
62.5°	306.6	278.2	253.8	228.6	206.7	186.6	166.5	148.1	129.3	109.5	89.3
60°	358.0	325.3	291.6	262.6	234.5	209.0	186.6	164.6	144.2	123.4	101.5
57.5°	417.1	374.6	336.6	299.1	265.6	234.5	206.7	182.2	158.7	136.5	113.4
55°	480.3	430.9	383.7	340.4	299.1	262.6	228.6	200.1	173.4	149.1	125.0
52.5°	556.0	492.3	435.5	383.7	336.6	291.6	253.8	217.5	189.0	161.4	135.8
50°	636.2	562.1	492.3	430.9	374.6	325.3	278.2	239.1	204.3	173.8	146.2
47.5°	720.2	636.2	556.0	480.3	417.1	358.0	306.6	260.6	219.0	186.8	156.2
45°	803.8	712.9	621.9	537.8	458.3	394.3	335.5	281.4	237.5	199.4	165.9
42.5°	885.4	788.6	691.3	593.5	507.7	430.8	363.3	305.8	255.4	211.5	175.9
40°	961.2	862.5	758.6	655.5	557.1	466.1	394.7	330.0	272.5	224.2	186.0
37.5°	1033.9	931.7	824.7	714.9	606.2	509.4	425.2	353.0	290.0	238.6	195.6
35°	1096.0	996.6	887.7	772.5	658.3	550.6	454.2	376.5	309.6	252.3	204.6
32.5°	1154.5	1056.0	945.2	827.8	707.7	589.5	486.4	401.2	328.0	265.2	213.2
30°	1205.9	1107.6	999.2	879.9	754.6	631.5	519.6	424.4	345.3	277.3	221.8
27.5°	1252.9	1155.9	1048.5	927.1	799.3	671.1	550.6	445.9	361.3	289.6	231.5
25°	1295.5	1197.6	1090.0	970.3	840.7	707.7	579.2	466.1	378.1	302.6	240.5
22.5°	1332.0	1235.0	1128.1	1009.9	878.6	741.3	607.4	489.6	394.3	314.6	248.7
20°	1365.1	1268.9	1162.7	1045.0	912.0	772.5	634.9	510.8	408.9	325.3	256.1
17.5°	1394.5	1297.8	1191.1	1073.4	941.3	800.3	659.3	529.7	421.9	334.9	262.6
15°	1418.5	1321.9	1215.6	1098.2	967.0	824.7	680.6	546.2	433.2	343.2	268.3
12.5°	1439.1	1342.4	1236.5	1119.4	988.8	845.4	698.8	560.3	442.9	350.3	273.2
10°	1456.2	1359.4	1253.8	1136.8	1006.8	862.5	713.7	571.8	450.8	356.1	277.2
7.5°	1469.6	1372.7	1267.3	1150.5	1020.9	875.9	725.4	580.9	457.0	360.6	280.3
5°	1479.2	1382.3	1277.0	1160.3	1031.0	885.4	733.8	587.3	461.4	363.9	282.5
2.5°	1485.0	1388.1	1282.8	1166.2	1037.1	891.2	738.8	591.2	464.1	365.8	283.9
0°	1486.9	1390.0	1284.8	1168.2	1039.1	893.1	740.5	592.5	465.0	366.5	284.3
-2.5°	1485.0	1388.1	1282.8	1166.2	1037.1	891.2	738.8	591.2	464.1	365.8	283.9
-5°	1479.2	1382.3	1277.0	1160.3	1031.0	885.4	733.8	587.3	461.4	363.9	282.5
-7.5°	1469.6	1372.7	1267.3	1150.5	1020.9	875.9	725.4	580.9	457.0	360.6	280.3
-10°	1456.2	1359.4	1253.8	1136.8	1006.8	862.5	713.7	571.8	450.8	356.1	277.2
-12.5°	1439.1	1342.4	1236.5	1119.4	988.8	845.4	698.8	560.3	442.9	350.3	273.2
-15°	1418.5	1321.9	1215.6	1098.2	967.0	824.7	680.6	546.2	433.2	343.2	268.3
-17.5°	1394.5	1297.8	1191.1	1073.4	941.3	800.3	659.3	529.7	421.9	334.9	262.6
-20°	1365.1	1268.9	1162.7	1045.0	912.0	772.5	634.9	510.8	408.9	325.3	256.1

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Scaled Data Report



REPORT NUMBER: P645326 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1332.0	1235.0	1128.1	1009.9	878.6	741.3	607.4	489.6	394.3	314.6	248.7
-25°	1295.5	1197.6	1090.0	970.3	840.7	707.7	579.2	466.1	378.1	302.6	240.5
-27.5°	1252.9	1155.9	1048.5	927.1	799.3	671.1	550.6	445.9	361.3	289.6	231.5
-30°	1205.9	1107.6	999.2	879.9	754.6	631.5	519.6	424.4	345.3	277.3	221.8
-32.5°	1154.5	1056.0	945.2	827.8	707.7	589.5	486.4	401.2	328.0	265.2	213.2
-35°	1096.0	996.6	887.7	772.5	658.3	550.6	454.2	376.5	309.6	252.3	204.6
-37.5°	1033.9	931.7	824.7	714.9	606.2	509.4	425.2	353.0	290.0	238.6	195.6
-40°	961.2	862.5	758.6	655.5	557.1	466.1	394.7	330.0	272.5	224.2	186.0
-42.5°	885.4	788.6	691.3	593.5	507.7	430.8	363.3	305.8	255.4	211.5	175.9
-45°	803.8	712.9	621.9	537.8	458.3	394.3	335.5	281.4	237.5	199.4	165.9
-47.5°	720.2	636.2	556.0	480.3	417.1	358.0	306.6	260.6	219.0	186.8	156.2
-50°	636.2	562.1	492.3	430.9	374.6	325.3	278.2	239.1	204.3	173.8	146.2
-52.5°	556.0	492.3	435.5	383.7	336.6	291.6	253.8	217.5	189.0	161.4	135.8
-55°	480.3	430.9	383.7	340.4	299.1	262.6	228.6	200.1	173.4	149.1	125.0
-57.5°	417.1	374.6	336.6	299.1	265.6	234.5	206.7	182.2	158.7	136.5	113.4
-60°	358.0	325.3	291.6	262.6	234.5	209.0	186.6	164.6	144.2	123.4	101.5
-62.5°	306.6	278.2	253.8	228.6	206.7	186.6	166.5	148.1	129.3	109.5	89.3
-65°	260.6	239.1	217.5	200.1	182.2	164.6	148.1	131.2	113.5	95.3	77.2
-67.5°	219.0	204.3	189.0	173.4	158.7	144.2	129.3	113.5	97.3	80.9	65.7
-70°	186.8	173.8	161.4	149.1	136.5	123.4	109.5	95.3	80.9	67.5	54.0
-72.5°	156.2	146.2	135.8	125.0	113.4	101.5	89.3	77.2	65.7	54.0	42.1
-75°	127.4	118.5	109.1	99.5	89.5	79.4	69.9	60.2	50.4	40.3	32.9
-77.5°	97.1	89.6	81.8	74.4	66.9	59.1	51.2	43.1	36.2	30.4	24.5
-80°	67.8	62.4	56.7	50.9	44.9	38.8	34.4	30.0	25.4	20.8	16.1
-82.5°	40.0	36.9	34.0	30.9	27.8	24.7	21.4	18.0	14.6	11.2	9.4
-85°	20.5	18.6	16.7	14.7	12.6	10.5	9.7	8.9	8.0	7.2	6.3
-87.5°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2
-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: P645326 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
85°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
82.5°	8.1	6.8	5.5	4.1	2.7	1.4	0.0
80°	11.4	9.0	7.3	5.5	3.6	1.8	0.0
77.5°	18.6	12.6	9.0	6.8	4.5	2.3	0.0
75°	25.8	18.6	11.4	8.1	5.4	2.7	0.0
72.5°	32.9	24.5	16.1	9.4	6.3	3.2	0.0
70°	40.3	30.4	20.8	11.2	7.2	3.6	0.0
67.5°	50.4	36.2	25.4	14.6	8.0	4.0	0.0
65°	60.2	43.1	30.0	18.0	8.9	4.4	0.0
62.5°	69.9	51.2	34.4	21.4	9.7	4.8	0.0
60°	79.4	59.1	38.8	24.7	10.5	5.2	0.0
57.5°	89.5	66.9	44.9	27.8	12.6	5.6	0.0
55°	99.5	74.4	50.9	30.9	14.7	6.0	0.0
52.5°	109.1	81.8	56.7	34.0	16.7	6.4	0.0
50°	118.5	89.6	62.4	36.9	18.6	6.7	0.0
47.5°	127.4	97.1	67.8	40.0	20.5	7.1	0.0
45°	135.7	104.3	73.1	43.9	22.3	7.4	0.0
42.5°	143.7	111.3	78.1	47.7	24.0	7.7	0.0
40°	151.2	117.9	83.1	51.3	25.6	8.0	0.0
37.5°	158.4	124.1	88.2	54.7	27.2	8.3	0.0
35°	165.3	129.9	92.9	57.9	28.7	8.6	0.0
32.5°	171.9	135.2	97.3	60.9	30.1	8.9	0.0
30°	178.8	140.2	101.5	63.7	31.3	9.1	0.0
27.5°	185.1	144.8	105.4	66.4	32.5	9.3	0.0
25°	190.9	149.1	108.9	68.8	33.6	9.5	0.0
22.5°	196.2	153.0	112.2	71.0	34.7	9.7	0.0
20°	201.0	156.5	115.1	73.0	35.6	9.9	0.0
17.5°	205.3	159.6	117.7	74.7	36.4	10.0	0.0
15°	209.0	162.3	119.9	76.2	37.1	10.1	0.0
12.5°	212.1	164.6	121.8	77.5	37.6	10.3	0.0
10°	214.7	166.4	123.4	78.6	38.1	10.3	0.0
7.5°	216.7	167.9	124.6	79.4	38.5	10.4	0.0
5°	218.1	169.0	125.5	80.0	38.8	10.5	0.0
2.5°	219.0	169.6	126.0	80.4	38.9	10.5	0.0
0°	219.3	169.8	126.2	80.5	39.0	10.5	0.0
-2.5°	219.0	169.6	126.0	80.4	38.9	10.5	0.0
-5°	218.1	169.0	125.5	80.0	38.8	10.5	0.0
-7.5°	216.7	167.9	124.6	79.4	38.5	10.4	0.0
-10°	214.7	166.4	123.4	78.6	38.1	10.3	0.0
-12.5°	212.1	164.6	121.8	77.5	37.6	10.3	0.0
-15°	209.0	162.3	119.9	76.2	37.1	10.1	0.0
-17.5°	205.3	159.6	117.7	74.7	36.4	10.0	0.0
-20°	201.0	156.5	115.1	73.0	35.6	9.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	196.2	153.0	112.2	71.0	34.7	9.7	0.0
-25°	190.9	149.1	108.9	68.8	33.6	9.5	0.0
-27.5°	185.1	144.8	105.4	66.4	32.5	9.3	0.0
-30°	178.8	140.2	101.5	63.7	31.3	9.1	0.0
-32.5°	171.9	135.2	97.3	60.9	30.1	8.9	0.0
-35°	165.3	129.9	92.9	57.9	28.7	8.6	0.0
-37.5°	158.4	124.1	88.2	54.7	27.2	8.3	0.0
-40°	151.2	117.9	83.1	51.3	25.6	8.0	0.0
-42.5°	143.7	111.3	78.1	47.7	24.0	7.7	0.0
-45°	135.7	104.3	73.1	43.9	22.3	7.4	0.0
-47.5°	127.4	97.1	67.8	40.0	20.5	7.1	0.0
-50°	118.5	89.6	62.4	36.9	18.6	6.7	0.0
-52.5°	109.1	81.8	56.7	34.0	16.7	6.4	0.0
-55°	99.5	74.4	50.9	30.9	14.7	6.0	0.0
-57.5°	89.5	66.9	44.9	27.8	12.6	5.6	0.0
-60°	79.4	59.1	38.8	24.7	10.5	5.2	0.0
-62.5°	69.9	51.2	34.4	21.4	9.7	4.8	0.0
-65°	60.2	43.1	30.0	18.0	8.9	4.4	0.0
-67.5°	50.4	36.2	25.4	14.6	8.0	4.0	0.0
-70°	40.3	30.4	20.8	11.2	7.2	3.6	0.0
-72.5°	32.9	24.5	16.1	9.4	6.3	3.2	0.0
-75°	25.8	18.6	11.4	8.1	5.4	2.7	0.0
-77.5°	18.6	12.6	9.0	6.8	4.5	2.3	0.0
-80°	11.4	9.0	7.3	5.5	3.6	1.8	0.0
-82.5°	8.1	6.8	5.5	4.1	2.7	1.4	0.0
-85°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-87.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)