

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: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-735-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-735-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N143
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

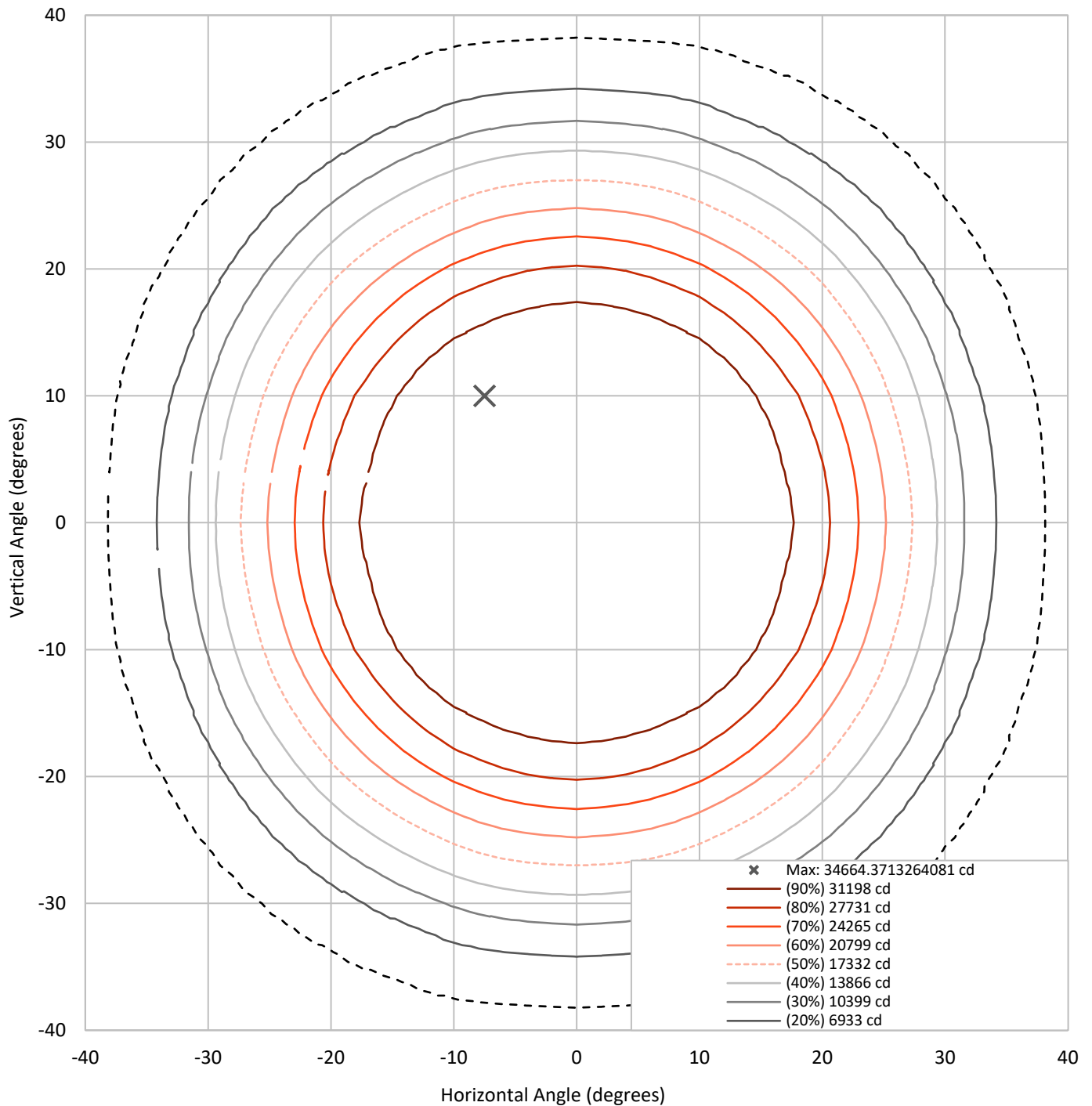
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	29502.6 lumens	Max Intensity:	34664.4 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	154.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	19582.1 lumens	Field Lumens:	25462.3 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





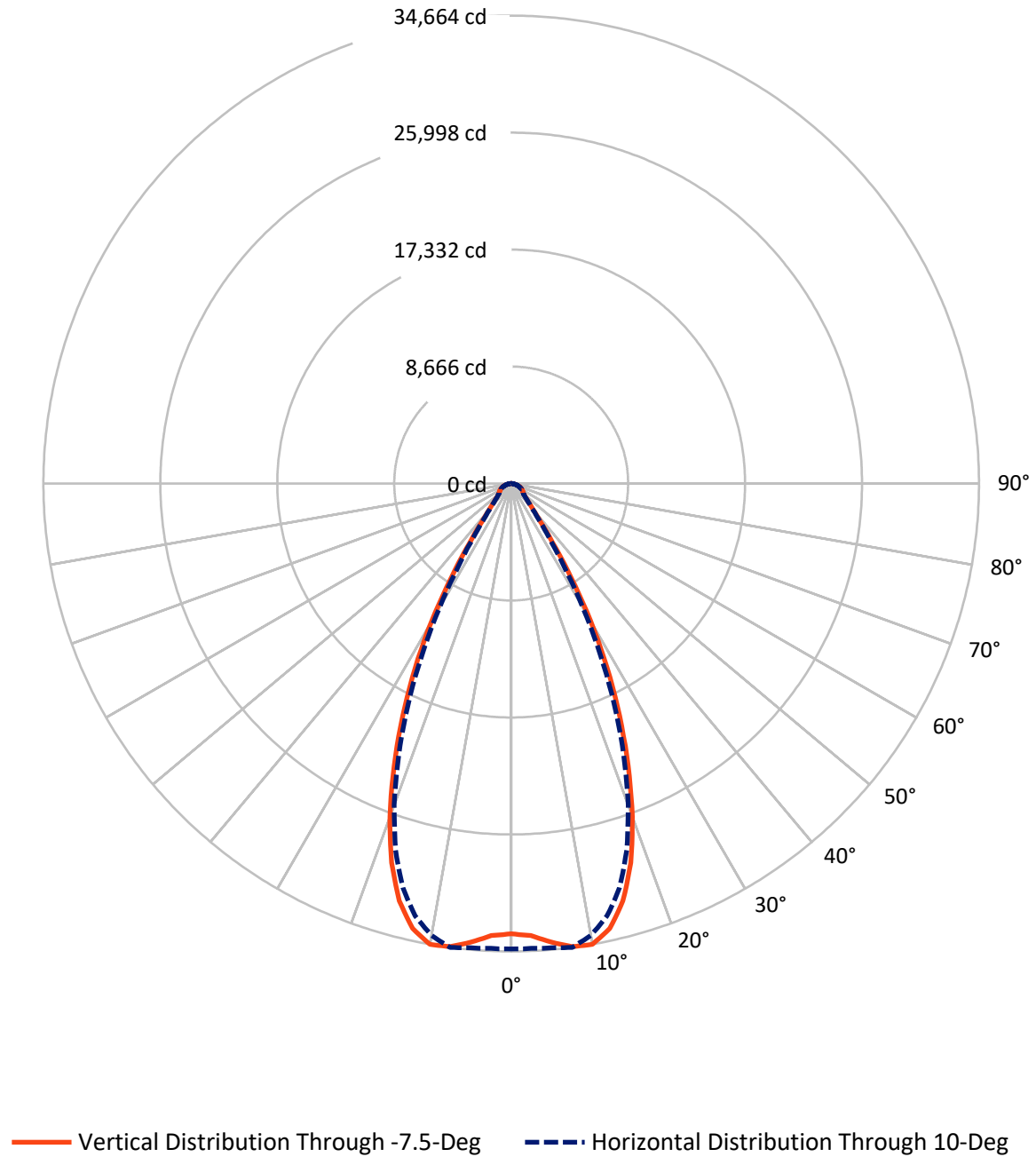
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Lumen Table

90																			
80	0.8	6.9		18.5		29.3		32.7		29.3		18.5		6.9		0.8			
70																			
60	3.1	3.6	7.2	11.8	16.5	20.1	22.7	24.0	24.0	22.7	20.1	16.5	11.8	7.2	3.6	3.1			
50		5.3	10.7	17.0	22.7	27.5	30.8	32.2	32.2	30.8	27.5	22.7	17.0	10.7	5.3				
40	5.5	6.8	13.5	20.6	27.7	36.0	45.3	52.0	52.0	45.3	36.0	27.7	20.6	13.5	6.8	5.5			
30		8.1	15.7	23.8	36.7	67.1	128.3	190.2	190.2	128.3	67.1	36.7	23.8	15.7	8.1				
20	7.2	9.1	17.1	27.7	60.4	189.4	424.9	593.3	593.3	424.9	189.4	60.4	27.7	17.1	9.1	7.2			
10		9.7	18.0	32.9	109.2	403.8	771.0	965.0	965.0	771.0	403.8	109.2	32.9	18.0	9.7				
0	7.7	10.0	18.4	37.1	157.3	552.5	935.4	1017.8	1017.8	935.4	552.5	157.3	37.1	18.4	10.0	7.7			
-10		10.0	18.4	37.1	157.3	552.5	935.4	1017.8	1017.8	935.4	552.5	157.3	37.1	18.4	10.0				
-20	7.2	9.7	18.0	32.9	109.2	403.8	771.0	965.0	965.0	771.0	403.8	109.2	32.9	18.0	9.7	7.2			
-30		9.1	17.1	27.7	60.4	189.4	424.9	593.3	593.3	424.9	189.4	60.4	27.7	17.1	9.1				
-40	5.5	8.1	15.7	23.8	36.7	67.1	128.3	190.2	190.2	128.3	67.1	36.7	23.8	15.7	8.1	5.5			
-50		6.8	13.5	20.6	27.7	36.0	45.3	52.0	52.0	45.3	36.0	27.7	20.6	13.5	6.8				
-60	3.1	5.3	10.7	17.0	22.7	27.5	30.8	32.2	32.2	30.8	27.5	22.7	17.0	10.7	5.3	3.1			
-70		3.6	7.2	11.8	16.5	20.1	22.7	24.0	24.0	22.7	20.1	16.5	11.8	7.2	3.6				
-80																			
-90	0.8	6.9		18.5		29.3		32.7		29.3		18.5		6.9		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

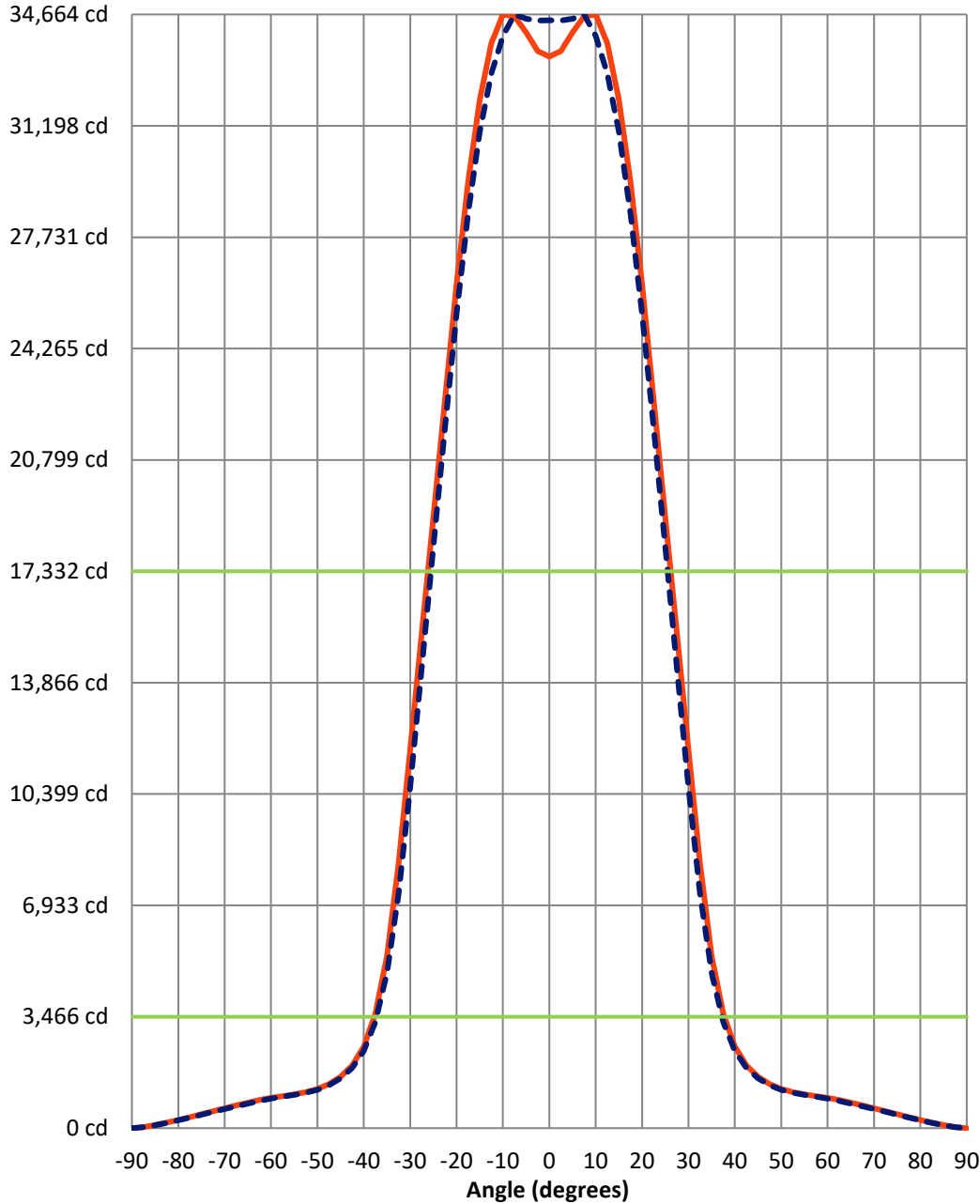
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 19582.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 25462.3
 Efficiency: 86.3%

Spill:
 Lumens: 4040.3
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	1.3	2.6	4.0	5.3	6.6	7.8	9.6	11.4	13.3	15.4
85°	0.0	2.6	5.3	7.9	10.5	13.1	15.7	19.1	22.8	26.6	30.7
82.5°	0.0	4.0	7.9	11.8	15.7	19.6	23.5	28.6	34.8	43.8	52.4
80°	0.0	5.3	10.5	15.7	20.9	26.1	32.3	44.6	56.3	67.4	77.8
77.5°	0.0	6.6	13.1	19.6	26.1	35.2	49.3	63.9	77.8	90.9	104.9
75°	0.0	7.8	15.7	23.5	32.3	49.3	66.1	83.0	99.6	118.7	137.4
72.5°	0.0	9.1	18.2	27.3	43.5	63.2	82.8	103.0	125.6	147.8	169.6
70°	0.0	10.4	20.7	31.9	54.5	76.9	99.6	125.6	151.2	176.6	203.2
67.5°	0.0	11.6	23.2	40.0	65.3	90.5	118.5	147.8	176.6	206.3	236.6
65°	0.0	12.8	25.6	48.0	76.0	104.7	137.0	169.6	202.1	235.4	270.7
62.5°	0.0	14.0	28.0	55.8	86.4	119.6	155.1	191.2	227.1	264.6	307.2
60°	0.0	15.1	30.3	63.5	96.6	134.1	172.7	212.2	251.4	296.4	342.8
57.5°	0.0	16.3	35.1	71.0	107.7	148.2	190.4	232.6	277.8	327.2	376.4
55°	0.0	17.4	39.9	78.2	118.5	161.9	207.7	252.6	304.1	356.9	408.6
52.5°	0.0	18.4	44.5	85.3	129.0	175.2	224.6	274.6	329.4	385.0	439.9
50°	0.0	19.5	48.9	92.1	139.0	189.0	241.1	296.1	353.8	412.3	470.2
47.5°	0.0	20.5	53.1	98.8	148.7	202.4	257.3	316.7	377.1	438.6	499.5
45°	0.0	21.4	57.2	105.7	157.9	215.3	274.1	336.3	399.7	463.9	527.6
42.5°	0.0	22.3	61.0	112.3	166.7	227.7	290.1	355.0	421.1	488.1	554.3
40°	0.0	23.2	64.6	118.4	175.6	239.6	305.2	372.7	441.5	511.2	579.9
37.5°	0.0	24.0	68.0	124.1	184.7	251.0	319.5	389.4	461.3	533.6	604.5
35°	0.0	24.8	71.2	129.4	193.3	262.1	332.9	405.0	480.1	554.5	627.4
32.5°	0.0	25.6	74.2	134.4	201.3	272.6	345.4	419.5	498.0	573.9	647.6
30°	0.0	26.2	76.9	139.0	208.9	282.3	357.0	433.1	514.8	591.8	666.4
27.5°	0.0	26.9	79.4	143.2	215.7	291.3	367.6	446.5	530.1	608.2	683.8
25°	0.0	27.5	81.7	147.1	221.8	299.5	377.2	458.9	543.4	622.6	699.8
22.5°	0.0	28.0	83.7	150.6	227.3	306.7	385.9	470.3	555.4	635.5	714.2
20°	0.0	28.5	85.5	153.7	232.2	312.9	393.5	480.6	566.0	646.9	727.0
17.5°	0.0	28.9	87.0	156.4	236.5	318.3	400.4	489.7	575.2	657.0	738.3
15°	0.0	29.3	88.3	158.7	240.2	322.9	406.7	497.9	583.0	665.6	748.0
12.5°	0.0	29.6	89.4	160.6	243.2	326.8	412.0	505.1	589.9	672.7	756.0
10°	0.0	29.8	90.2	162.1	245.6	329.8	416.5	511.1	595.9	679.4	762.7
7.5°	0.0	30.0	90.7	163.1	247.4	332.0	420.0	515.7	600.6	684.7	768.7
5°	0.0	30.2	91.1	163.8	248.5	333.4	422.6	519.0	604.0	688.5	773.0
2.5°	0.0	30.3	91.2	164.0	248.9	334.0	424.2	521.0	606.0	690.8	775.6
0°	0.0	30.3	91.0	163.8	248.7	333.7	424.7	521.7	606.7	691.6	776.5
-2.5°	0.0	30.3	91.2	164.0	248.9	334.0	424.2	521.0	606.0	690.8	775.6
-5°	0.0	30.2	91.1	163.8	248.5	333.4	422.6	519.0	604.0	688.5	773.0
-7.5°	0.0	30.0	90.7	163.1	247.4	332.0	420.0	515.7	600.6	684.7	768.7
-10°	0.0	29.8	90.2	162.1	245.6	329.8	416.5	511.1	595.9	679.4	762.7
-12.5°	0.0	29.6	89.4	160.6	243.2	326.8	412.0	505.1	589.9	672.7	756.0
-15°	0.0	29.3	88.3	158.7	240.2	322.9	406.7	497.9	583.0	665.6	748.0
-17.5°	0.0	28.9	87.0	156.4	236.5	318.3	400.4	489.7	575.2	657.0	738.3
-20°	0.0	28.5	85.5	153.7	232.2	312.9	393.5	480.6	566.0	646.9	727.0

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CATALOG NUMBER: GFLD-SA6B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	28.0	83.7	150.6	227.3	306.7	385.9	470.3	555.4	635.5	714.2
-25°	0.0	27.5	81.7	147.1	221.8	299.5	377.2	458.9	543.4	622.6	699.8
-27.5°	0.0	26.9	79.4	143.2	215.7	291.3	367.6	446.5	530.1	608.2	683.8
-30°	0.0	26.2	76.9	139.0	208.9	282.3	357.0	433.1	514.8	591.8	666.4
-32.5°	0.0	25.6	74.2	134.4	201.3	272.6	345.4	419.5	498.0	573.9	647.6
-35°	0.0	24.8	71.2	129.4	193.3	262.1	332.9	405.0	480.1	554.5	627.4
-37.5°	0.0	24.0	68.0	124.1	184.7	251.0	319.5	389.4	461.3	533.6	604.5
-40°	0.0	23.2	64.6	118.4	175.6	239.6	305.2	372.7	441.5	511.2	579.9
-42.5°	0.0	22.3	61.0	112.3	166.7	227.7	290.1	355.0	421.1	488.1	554.3
-45°	0.0	21.4	57.2	105.7	157.9	215.3	274.1	336.3	399.7	463.9	527.6
-47.5°	0.0	20.5	53.1	98.8	148.7	202.4	257.3	316.7	377.1	438.6	499.5
-50°	0.0	19.5	48.9	92.1	139.0	189.0	241.1	296.1	353.8	412.3	470.2
-52.5°	0.0	18.4	44.5	85.3	129.0	175.2	224.6	274.6	329.4	385.0	439.9
-55°	0.0	17.4	39.9	78.2	118.5	161.9	207.7	252.6	304.1	356.9	408.6
-57.5°	0.0	16.3	35.1	71.0	107.7	148.2	190.4	232.6	277.8	327.2	376.4
-60°	0.0	15.1	30.3	63.5	96.6	134.1	172.7	212.2	251.4	296.4	342.8
-62.5°	0.0	14.0	28.0	55.8	86.4	119.6	155.1	191.2	227.1	264.6	307.2
-65°	0.0	12.8	25.6	48.0	76.0	104.7	137.0	169.6	202.1	235.4	270.7
-67.5°	0.0	11.6	23.2	40.0	65.3	90.5	118.5	147.8	176.6	206.3	236.6
-70°	0.0	10.4	20.7	31.9	54.5	76.9	99.6	125.6	151.2	176.6	203.2
-72.5°	0.0	9.1	18.2	27.3	43.5	63.2	82.8	103.0	125.6	147.8	169.6
-75°	0.0	7.8	15.7	23.5	32.3	49.3	66.1	83.0	99.6	118.7	137.4
-77.5°	0.0	6.6	13.1	19.6	26.1	35.2	49.3	63.9	77.8	90.9	104.9
-80°	0.0	5.3	10.5	15.7	20.9	26.1	32.3	44.6	56.3	67.4	77.8
-82.5°	0.0	4.0	7.9	11.8	15.7	19.6	23.5	28.6	34.8	43.8	52.4
-85°	0.0	2.6	5.3	7.9	10.5	13.1	15.7	19.1	22.8	26.6	30.7
-87.5°	0.0	1.3	2.6	4.0	5.3	6.6	7.8	9.6	11.4	13.3	15.4
-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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CATALOG NUMBER: GFLD-SA6B-735-U-MWR-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°	16.8	18.2	19.6	20.9	22.2	23.4	24.6	25.7	26.8	27.9	28.9
85°	33.6	36.4	41.2	46.1	50.8	55.4	59.8	64.0	68.0	71.8	75.5
82.5°	60.1	68.0	76.0	84.2	91.3	98.1	104.8	111.7	118.6	125.5	132.3
80°	88.4	99.4	111.9	123.8	134.2	144.1	153.7	162.9	172.9	183.6	194.4
77.5°	121.1	136.7	151.4	165.1	178.3	192.8	206.8	220.2	234.2	248.0	261.2
75°	156.1	173.9	192.7	211.2	229.1	246.5	263.5	280.7	298.2	315.6	332.1
72.5°	192.3	214.9	237.0	258.6	280.8	302.6	323.6	343.8	364.6	385.8	406.2
70°	229.8	255.7	282.9	309.2	334.3	359.7	385.3	409.9	434.0	458.7	483.1
67.5°	267.8	300.1	330.8	360.0	389.6	419.4	448.3	477.8	506.3	535.0	562.4
65°	309.4	344.8	378.4	411.8	445.3	480.4	514.5	547.5	580.6	612.6	641.4
62.5°	350.3	387.9	425.1	463.1	503.1	542.4	579.7	617.5	656.0	689.5	718.7
60°	387.9	429.7	471.3	514.6	558.8	601.1	642.9	684.0	725.3	763.9	787.7
57.5°	424.2	470.4	516.5	563.2	609.7	656.9	700.8	746.0	784.5	817.0	844.6
55°	459.6	509.8	558.9	607.8	658.1	707.4	755.2	798.1	835.7	862.8	889.4
52.5°	494.1	547.0	597.6	650.6	704.0	756.3	806.2	846.0	876.8	904.5	929.4
50°	527.4	581.3	634.8	692.1	748.5	803.9	850.8	885.6	917.0	944.0	970.1
47.5°	558.7	614.8	672.0	732.3	791.7	845.2	888.3	924.8	956.8	986.0	1016.9
45°	588.8	648.4	708.7	771.0	831.7	883.4	925.0	964.3	994.3	1027.1	1062.5
42.5°	618.1	680.5	743.8	808.2	869.5	917.8	959.4	995.4	1030.6	1069.6	1112.3
40°	645.8	710.9	777.0	844.0	905.1	948.0	988.6	1026.8	1069.6	1115.9	1165.4
37.5°	671.9	739.5	808.1	877.6	931.3	975.5	1017.1	1059.6	1109.4	1163.0	1230.2
35°	696.2	766.1	837.0	903.8	954.8	1001.6	1044.7	1092.2	1150.2	1220.4	1306.5
32.5°	718.8	790.7	863.7	925.0	976.5	1025.1	1069.3	1128.5	1198.3	1281.8	1403.7
30°	739.6	813.2	886.5	945.8	996.0	1044.8	1098.7	1165.3	1247.0	1368.8	1524.8
27.5°	758.9	833.7	904.4	963.1	1013.4	1063.7	1126.7	1207.6	1315.1	1460.5	1654.4
25°	776.6	853.2	921.5	977.5	1029.6	1085.4	1153.9	1244.8	1386.1	1573.9	1835.9
22.5°	792.6	870.9	937.9	990.1	1044.7	1105.2	1185.1	1298.8	1461.7	1681.0	2018.9
20°	807.0	884.2	950.2	1001.9	1058.7	1121.6	1212.9	1350.0	1546.5	1830.5	2261.9
17.5°	819.5	895.9	959.4	1013.3	1072.3	1140.1	1240.0	1394.4	1621.9	1960.9	2507.5
15°	830.3	905.8	967.1	1023.0	1084.2	1161.4	1277.7	1452.4	1709.3	2096.5	2721.5
12.5°	839.2	914.0	973.5	1030.9	1094.0	1179.2	1310.0	1507.1	1800.2	2263.2	3036.9
10°	846.2	920.5	978.3	1037.1	1101.6	1193.4	1336.2	1551.8	1875.5	2407.6	3305.9
7.5°	852.7	925.2	981.7	1041.5	1107.1	1204.0	1356.1	1586.3	1933.2	2520.9	3518.8
5°	857.5	928.1	983.6	1044.0	1111.6	1210.9	1369.6	1610.2	1973.0	2601.9	3668.6
2.5°	860.4	929.1	984.0	1044.6	1115.0	1214.0	1376.6	1623.4	2004.4	2640.3	3749.1
0°	861.4	928.2	982.8	1043.4	1116.2	1213.3	1377.1	1625.8	2020.1	2638.9	3761.2
-2.5°	860.4	929.1	984.0	1044.6	1115.0	1214.0	1376.6	1623.4	2004.4	2640.3	3749.1
-5°	857.5	928.1	983.6	1044.0	1111.6	1210.9	1369.6	1610.2	1973.0	2601.9	3668.6
-7.5°	852.7	925.2	981.7	1041.5	1107.1	1204.0	1356.1	1586.3	1933.2	2520.9	3518.8
-10°	846.2	920.5	978.3	1037.1	1101.6	1193.4	1336.2	1551.8	1875.5	2407.6	3305.9
-12.5°	839.2	914.0	973.5	1030.9	1094.0	1179.2	1310.0	1507.1	1800.2	2263.2	3036.9
-15°	830.3	905.8	967.1	1023.0	1084.2	1161.4	1277.7	1452.4	1709.3	2096.5	2721.5
-17.5°	819.5	895.9	959.4	1013.3	1072.3	1140.1	1240.0	1394.4	1621.9	1960.9	2507.5
-20°	807.0	884.2	950.2	1001.9	1058.7	1121.6	1212.9	1350.0	1546.5	1830.5	2261.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	792.6	870.9	937.9	990.1	1044.7	1105.2	1185.1	1298.8	1461.7	1681.0	2018.9
-25°	776.6	853.2	921.5	977.5	1029.6	1085.4	1153.9	1244.8	1386.1	1573.9	1835.9
-27.5°	758.9	833.7	904.4	963.1	1013.4	1063.7	1126.7	1207.6	1315.1	1460.5	1654.4
-30°	739.6	813.2	886.5	945.8	996.0	1044.8	1098.7	1165.3	1247.0	1368.8	1524.8
-32.5°	718.8	790.7	863.7	925.0	976.5	1025.1	1069.3	1128.5	1198.3	1281.8	1403.7
-35°	696.2	766.1	837.0	903.8	954.8	1001.6	1044.7	1092.2	1150.2	1220.4	1306.5
-37.5°	671.9	739.5	808.1	877.6	931.3	975.5	1017.1	1059.6	1109.4	1163.0	1230.2
-40°	645.8	710.9	777.0	844.0	905.1	948.0	988.6	1026.8	1069.6	1115.9	1165.4
-42.5°	618.1	680.5	743.8	808.2	869.5	917.8	959.4	995.4	1030.6	1069.6	1112.3
-45°	588.8	648.4	708.7	771.0	831.7	883.4	925.0	964.3	994.3	1027.1	1062.5
-47.5°	558.7	614.8	672.0	732.3	791.7	845.2	888.3	924.8	956.8	986.0	1016.9
-50°	527.4	581.3	634.8	692.1	748.5	803.9	850.8	885.6	917.0	944.0	970.1
-52.5°	494.1	547.0	597.6	650.6	704.0	756.3	806.2	846.0	876.8	904.5	929.4
-55°	459.6	509.8	558.9	607.8	658.1	707.4	755.2	798.1	835.7	862.8	889.4
-57.5°	424.2	470.4	516.5	563.2	609.7	656.9	700.8	746.0	784.5	817.0	844.6
-60°	387.9	429.7	471.3	514.6	558.8	601.1	642.9	684.0	725.3	763.9	787.7
-62.5°	350.3	387.9	425.1	463.1	503.1	542.4	579.7	617.5	656.0	689.5	718.7
-65°	309.4	344.8	378.4	411.8	445.3	480.4	514.5	547.5	580.6	612.6	641.4
-67.5°	267.8	300.1	330.8	360.0	389.6	419.4	448.3	477.8	506.3	535.0	562.4
-70°	229.8	255.7	282.9	309.2	334.3	359.7	385.3	409.9	434.0	458.7	483.1
-72.5°	192.3	214.9	237.0	258.6	280.8	302.6	323.6	343.8	364.6	385.8	406.2
-75°	156.1	173.9	192.7	211.2	229.1	246.5	263.5	280.7	298.2	315.6	332.1
-77.5°	121.1	136.7	151.4	165.1	178.3	192.8	206.8	220.2	234.2	248.0	261.2
-80°	88.4	99.4	111.9	123.8	134.2	144.1	153.7	162.9	172.9	183.6	194.4
-82.5°	60.1	68.0	76.0	84.2	91.3	98.1	104.8	111.7	118.6	125.5	132.3
-85°	33.6	36.4	41.2	46.1	50.8	55.4	59.8	64.0	68.0	71.8	75.5
-87.5°	16.8	18.2	19.6	20.9	22.2	23.4	24.6	25.7	26.8	27.9	28.9
-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: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MWR-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°	29.8	29.4	28.9	28.2	27.5	29.4	31.3	33.3	35.2	34.1	32.8
85°	78.9	80.7	82.2	83.5	84.6	88.4	92.0	95.4	98.5	98.5	98.1
82.5°	138.9	143.4	147.2	150.7	153.8	158.1	162.1	165.5	168.4	170.6	172.4
80°	204.8	212.0	218.2	223.9	229.0	234.8	240.2	245.0	249.2	251.5	252.9
77.5°	274.2	284.9	294.4	303.4	312.0	320.5	328.2	335.1	341.1	342.5	342.2
75°	347.9	362.1	375.5	387.9	399.3	409.1	417.4	424.4	430.1	433.0	434.5
72.5°	425.5	443.0	458.7	472.9	485.1	495.2	504.0	511.5	518.0	522.0	524.4
70°	506.4	527.1	543.2	556.6	567.0	577.1	588.4	599.1	609.2	614.9	617.1
67.5°	587.5	609.0	623.8	635.9	645.4	655.4	669.6	682.4	693.8	701.5	706.4
65°	666.9	689.5	704.3	716.0	724.7	734.6	750.6	763.3	773.0	780.7	787.6
62.5°	745.3	768.1	784.6	798.5	811.2	822.2	835.2	845.9	854.2	861.8	870.3
60°	813.3	840.3	857.7	871.7	887.5	904.6	914.2	922.2	929.1	935.2	940.5
57.5°	868.8	893.0	915.3	932.1	948.5	964.3	975.7	983.2	989.3	993.9	995.6
55°	915.3	940.2	965.1	983.3	999.5	1014.3	1026.7	1036.5	1044.6	1051.0	1052.5
52.5°	956.9	984.9	1009.3	1030.4	1051.7	1069.2	1082.9	1096.2	1107.8	1117.2	1121.2
50°	1002.2	1031.5	1062.0	1090.2	1112.9	1132.9	1149.5	1168.3	1188.1	1204.5	1214.8
47.5°	1049.9	1083.6	1120.4	1155.2	1182.1	1211.6	1239.1	1267.1	1303.9	1334.8	1357.8
45°	1099.7	1143.0	1185.0	1229.2	1266.4	1322.1	1373.8	1418.3	1477.3	1530.9	1573.4
42.5°	1158.5	1212.5	1264.0	1334.8	1408.8	1484.9	1567.2	1637.4	1729.7	1823.6	1899.5
40°	1228.2	1297.2	1388.0	1483.0	1599.9	1704.6	1846.5	1973.0	2114.6	2293.7	2441.7
37.5°	1312.1	1418.5	1544.8	1677.1	1859.4	2033.5	2268.2	2515.5	2739.9	3084.5	3374.3
35°	1421.2	1569.8	1736.0	1970.3	2228.3	2554.7	2920.8	3398.5	3808.2	4389.3	4944.6
32.5°	1561.6	1752.7	2024.1	2385.8	2767.2	3359.7	3940.7	4770.2	5538.2	6459.2	7453.2
30°	1717.9	2008.6	2423.5	2919.6	3631.0	4502.7	5526.8	6800.7	8194.9	9489.4	10765.0
27.5°	1944.3	2361.0	2906.0	3706.5	4815.2	6034.7	7829.0	9558.3	11362.6	12966.5	14304.0
25°	2208.8	2759.5	3602.1	4780.9	6280.2	8368.6	10516.4	12650.8	14591.1	16270.2	17748.1
22.5°	2550.3	3342.2	4465.7	5992.4	8327.2	10830.2	13348.9	15703.1	17772.9	19642.6	21242.4
20°	2921.8	3912.7	5517.1	7793.7	10463.8	13315.3	16159.2	18667.0	20946.0	23065.9	24869.1
17.5°	3392.5	4780.3	6812.0	9543.1	12630.1	15754.4	18742.1	21463.5	24049.1	26292.3	28176.3
15°	3793.7	5544.4	8196.1	11399.1	14738.1	18033.8	21188.0	24144.0	26832.2	29133.9	30904.9
12.5°	4328.9	6400.8	9424.9	12994.6	16613.0	20080.7	23403.1	26458.4	29194.0	31470.4	32849.1
10°	4834.7	7287.3	10612.5	14335.3	18094.5	21789.3	25336.7	28470.1	31010.0	32820.8	33995.8
7.5°	5264.8	8049.3	11578.6	15419.0	19271.5	23134.5	26725.4	29774.1	32116.0	33628.3	34446.2
5°	5586.0	8618.9	12295.8	16299.6	20252.8	24183.6	27746.5	30608.5	32632.6	33756.0	34166.7
2.5°	5790.6	8953.4	12711.9	16877.3	20909.6	24847.4	28446.9	31264.0	32981.3	33725.9	33796.7
0°	5872.4	8996.6	12776.1	17180.4	21075.1	25036.5	28646.1	31533.7	33111.0	33723.8	33711.6
-2.5°	5790.6	8953.4	12711.9	16877.3	20909.6	24847.4	28446.9	31264.0	32981.3	33725.9	33796.7
-5°	5586.0	8618.9	12295.8	16299.6	20252.8	24183.6	27746.5	30608.5	32632.6	33756.0	34166.7
-7.5°	5264.8	8049.3	11578.6	15419.0	19271.5	23134.5	26725.4	29774.1	32116.0	33628.3	34446.2
-10°	4834.7	7287.3	10612.5	14335.3	18094.5	21789.3	25336.7	28470.1	31010.0	32820.8	33995.8
-12.5°	4328.9	6400.8	9424.9	12994.6	16613.0	20080.7	23403.1	26458.4	29194.0	31470.4	32849.1
-15°	3793.7	5544.4	8196.1	11399.1	14738.1	18033.8	21188.0	24144.0	26832.2	29133.9	30904.9
-17.5°	3392.5	4780.3	6812.0	9543.1	12630.1	15754.4	18742.1	21463.5	24049.1	26292.3	28176.3
-20°	2921.8	3912.7	5517.1	7793.7	10463.8	13315.3	16159.2	18667.0	20946.0	23065.9	24869.1

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2550.3	3342.2	4465.7	5992.4	8327.2	10830.2	13348.9	15703.1	17772.9	19642.6	21242.4
-25°	2208.8	2759.5	3602.1	4780.9	6280.2	8368.6	10516.4	12650.8	14591.1	16270.2	17748.1
-27.5°	1944.3	2361.0	2906.0	3706.5	4815.2	6034.7	7829.0	9558.3	11362.6	12966.5	14304.0
-30°	1717.9	2008.6	2423.5	2919.6	3631.0	4502.7	5526.8	6800.7	8194.9	9489.4	10765.0
-32.5°	1561.6	1752.7	2024.1	2385.8	2767.2	3359.7	3940.7	4770.2	5538.2	6459.2	7453.2
-35°	1421.2	1569.8	1736.0	1970.3	2228.3	2554.7	2920.8	3398.5	3808.2	4389.3	4944.6
-37.5°	1312.1	1418.5	1544.8	1677.1	1859.4	2033.5	2268.2	2515.5	2739.9	3084.5	3374.3
-40°	1228.2	1297.2	1388.0	1483.0	1599.9	1704.6	1846.5	1973.0	2114.6	2293.7	2441.7
-42.5°	1158.5	1212.5	1264.0	1334.8	1408.8	1484.9	1567.2	1637.4	1729.7	1823.6	1899.5
-45°	1099.7	1143.0	1185.0	1229.2	1266.4	1322.1	1373.8	1418.3	1477.3	1530.9	1573.4
-47.5°	1049.9	1083.6	1120.4	1155.2	1182.1	1211.6	1239.1	1267.1	1303.9	1334.8	1357.8
-50°	1002.2	1031.5	1062.0	1090.2	1112.9	1132.9	1149.5	1168.3	1188.1	1204.5	1214.8
-52.5°	956.9	984.9	1009.3	1030.4	1051.7	1069.2	1082.9	1096.2	1107.8	1117.2	1121.2
-55°	915.3	940.2	965.1	983.3	999.5	1014.3	1026.7	1036.5	1044.6	1051.0	1052.5
-57.5°	868.8	893.0	915.3	932.1	948.5	964.3	975.7	983.2	989.3	993.9	995.6
-60°	813.3	840.3	857.7	871.7	887.5	904.6	914.2	922.2	929.1	935.2	940.5
-62.5°	745.3	768.1	784.6	798.5	811.2	822.2	835.2	845.9	854.2	861.8	870.3
-65°	666.9	689.5	704.3	716.0	724.7	734.6	750.6	763.3	773.0	780.7	787.6
-67.5°	587.5	609.0	623.8	635.9	645.4	655.4	669.6	682.4	693.8	701.5	706.4
-70°	506.4	527.1	543.2	556.6	567.0	577.1	588.4	599.1	609.2	614.9	617.1
-72.5°	425.5	443.0	458.7	472.9	485.1	495.2	504.0	511.5	518.0	522.0	524.4
-75°	347.9	362.1	375.5	387.9	399.3	409.1	417.4	424.4	430.1	433.0	434.5
-77.5°	274.2	284.9	294.4	303.4	312.0	320.5	328.2	335.1	341.1	342.5	342.2
-80°	204.8	212.0	218.2	223.9	229.0	234.8	240.2	245.0	249.2	251.5	252.9
-82.5°	138.9	143.4	147.2	150.7	153.8	158.1	162.1	165.5	168.4	170.6	172.4
-85°	78.9	80.7	82.2	83.5	84.6	88.4	92.0	95.4	98.5	98.5	98.1
-87.5°	29.8	29.4	28.9	28.2	27.5	29.4	31.3	33.3	35.2	34.1	32.8
-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: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MWR-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°	31.6	30.2	30.3	30.3	30.3	30.2	31.6	32.8	34.1	35.2	33.3
85°	97.5	96.6	93.9	91.0	93.9	96.6	97.5	98.1	98.5	98.5	95.4
82.5°	173.9	175.0	172.7	169.9	172.7	175.0	173.9	172.4	170.6	168.4	165.5
80°	253.6	253.6	251.5	248.7	251.5	253.6	253.6	252.9	251.5	249.2	245.0
77.5°	340.7	338.3	339.3	339.7	339.3	338.3	340.7	342.2	342.5	341.1	335.1
75°	435.1	434.7	433.3	430.7	433.3	434.7	435.1	434.5	433.0	430.1	424.4
72.5°	525.6	525.6	524.3	521.7	524.3	525.6	525.6	524.4	522.0	518.0	511.5
70°	617.6	616.5	618.1	618.8	618.1	616.5	617.6	617.1	614.9	609.2	599.1
67.5°	710.1	712.6	712.2	709.8	712.2	712.6	710.1	706.4	701.5	693.8	682.4
65°	793.2	797.4	799.9	800.8	799.9	797.4	793.2	787.6	780.7	773.0	763.3
62.5°	877.0	881.8	882.1	879.6	882.1	881.8	877.0	870.3	861.8	854.2	845.9
60°	943.4	944.2	943.1	940.3	943.1	944.2	943.4	940.5	935.2	929.1	922.2
57.5°	995.6	993.9	991.7	988.8	991.7	993.9	995.6	995.6	993.9	989.3	983.2
55°	1051.7	1048.8	1046.3	1043.4	1046.3	1048.8	1051.7	1052.5	1051.0	1044.6	1036.5
52.5°	1122.1	1120.6	1118.8	1116.2	1118.8	1120.6	1122.1	1121.2	1117.2	1107.8	1096.2
50°	1220.0	1221.5	1221.4	1219.4	1221.4	1221.5	1220.0	1214.8	1204.5	1188.1	1168.3
47.5°	1372.3	1380.4	1385.9	1389.2	1385.9	1380.4	1372.3	1357.8	1334.8	1303.9	1267.1
45°	1600.7	1616.9	1628.4	1638.0	1628.4	1616.9	1600.7	1573.4	1530.9	1477.3	1418.3
42.5°	1952.9	1989.2	2006.3	2002.0	2006.3	1989.2	1952.9	1899.5	1823.6	1729.7	1637.4
40°	2540.3	2598.9	2631.3	2657.1	2631.3	2598.9	2540.3	2441.7	2293.7	2114.6	1973.0
37.5°	3572.1	3685.8	3745.6	3797.6	3745.6	3685.8	3572.1	3374.3	3084.5	2739.9	2515.5
35°	5359.5	5615.1	5752.0	5799.6	5752.0	5615.1	5359.5	4944.6	4389.3	3808.2	3398.5
32.5°	8226.7	8698.2	8959.0	9160.4	8959.0	8698.2	8226.7	7453.2	6459.2	5538.2	4770.2
30°	11775.1	12396.2	12741.2	12909.5	12741.2	12396.2	11775.1	10765.0	9489.4	8194.9	6800.7
27.5°	15412.7	16118.8	16490.7	16470.6	16490.7	16118.8	15412.7	14304.0	12966.5	11362.6	9558.3
25°	19015.1	19833.0	20203.5	20535.2	20203.5	19833.0	19015.1	17748.1	16270.2	14591.1	12650.8
22.5°	22658.6	23614.9	24136.6	24381.3	24136.6	23614.9	22658.6	21242.4	19642.6	17772.9	15703.1
20°	26258.7	27323.2	27877.1	28118.3	27877.1	27323.2	26258.7	24869.1	23065.9	20946.0	18667.0
17.5°	29451.6	30490.7	31018.8	31242.6	31018.8	30490.7	29451.6	28176.3	26292.3	24049.1	21463.5
15°	32001.1	32767.6	33216.6	33335.5	33216.6	32767.6	32001.1	30904.9	29133.9	26832.2	24144.0
12.5°	33763.4	34060.3	34276.2	34342.5	34276.2	34060.3	33763.4	32849.1	31470.4	29194.0	26458.4
10°	34664.4	34530.4	34475.0	34482.1	34475.0	34530.4	34664.4	33995.8	32820.8	31010.0	28470.1
7.5°	34602.4	34404.0	34005.6	33942.2	34005.6	34404.0	34602.4	34446.2	33628.3	32116.0	29774.1
5°	34105.3	33744.1	33082.7	32892.6	33082.7	33744.1	34105.3	34166.7	33756.0	32632.6	30608.5
2.5°	33525.8	32874.7	32265.5	31873.5	32265.5	32874.7	33525.8	33796.7	33725.9	32981.3	31264.0
0°	33353.7	32601.5	31812.8	31558.0	31812.8	32601.5	33353.7	33711.6	33723.8	33111.0	31533.7
-2.5°	33525.8	32874.7	32265.5	31873.5	32265.5	32874.7	33525.8	33796.7	33725.9	32981.3	31264.0
-5°	34105.3	33744.1	33082.7	32892.6	33082.7	33744.1	34105.3	34166.7	33756.0	32632.6	30608.5
-7.5°	34602.4	34404.0	34005.6	33942.2	34005.6	34404.0	34602.4	34446.2	33628.3	32116.0	29774.1
-10°	34664.4	34530.4	34475.0	34482.1	34475.0	34530.4	34664.4	33995.8	32820.8	31010.0	28470.1
-12.5°	33763.4	34060.3	34276.2	34342.5	34276.2	34060.3	33763.4	32849.1	31470.4	29194.0	26458.4
-15°	32001.1	32767.6	33216.6	33335.5	33216.6	32767.6	32001.1	30904.9	29133.9	26832.2	24144.0
-17.5°	29451.6	30490.7	31018.8	31242.6	31018.8	30490.7	29451.6	28176.3	26292.3	24049.1	21463.5
-20°	26258.7	27323.2	27877.1	28118.3	27877.1	27323.2	26258.7	24869.1	23065.9	20946.0	18667.0



REPORT NUMBER: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22658.6	23614.9	24136.6	24381.3	24136.6	23614.9	22658.6	21242.4	19642.6	17772.9	15703.1
-25°	19015.1	19833.0	20203.5	20535.2	20203.5	19833.0	19015.1	17748.1	16270.2	14591.1	12650.8
-27.5°	15412.7	16118.8	16490.7	16470.6	16490.7	16118.8	15412.7	14304.0	12966.5	11362.6	9558.3
-30°	11775.1	12396.2	12741.2	12909.5	12741.2	12396.2	11775.1	10765.0	9489.4	8194.9	6800.7
-32.5°	8226.7	8698.2	8959.0	9160.4	8959.0	8698.2	8226.7	7453.2	6459.2	5538.2	4770.2
-35°	5359.5	5615.1	5752.0	5799.6	5752.0	5615.1	5359.5	4944.6	4389.3	3808.2	3398.5
-37.5°	3572.1	3685.8	3745.6	3797.6	3745.6	3685.8	3572.1	3374.3	3084.5	2739.9	2515.5
-40°	2540.3	2598.9	2631.3	2657.1	2631.3	2598.9	2540.3	2441.7	2293.7	2114.6	1973.0
-42.5°	1952.9	1989.2	2006.3	2002.0	2006.3	1989.2	1952.9	1899.5	1823.6	1729.7	1637.4
-45°	1600.7	1616.9	1628.4	1638.0	1628.4	1616.9	1600.7	1573.4	1530.9	1477.3	1418.3
-47.5°	1372.3	1380.4	1385.9	1389.2	1385.9	1380.4	1372.3	1357.8	1334.8	1303.9	1267.1
-50°	1220.0	1221.5	1221.4	1219.4	1221.4	1221.5	1220.0	1214.8	1204.5	1188.1	1168.3
-52.5°	1122.1	1120.6	1118.8	1116.2	1118.8	1120.6	1122.1	1121.2	1117.2	1107.8	1096.2
-55°	1051.7	1048.8	1046.3	1043.4	1046.3	1048.8	1051.7	1052.5	1051.0	1044.6	1036.5
-57.5°	995.6	993.9	991.7	988.8	991.7	993.9	995.6	995.6	993.9	989.3	983.2
-60°	943.4	944.2	943.1	940.3	943.1	944.2	943.4	940.5	935.2	929.1	922.2
-62.5°	877.0	881.8	882.1	879.6	882.1	881.8	877.0	870.3	861.8	854.2	845.9
-65°	793.2	797.4	799.9	800.8	799.9	797.4	793.2	787.6	780.7	773.0	763.3
-67.5°	710.1	712.6	712.2	709.8	712.2	712.6	710.1	706.4	701.5	693.8	682.4
-70°	617.6	616.5	618.1	618.8	618.1	616.5	617.6	617.1	614.9	609.2	599.1
-72.5°	525.6	525.6	524.3	521.7	524.3	525.6	525.6	524.4	522.0	518.0	511.5
-75°	435.1	434.7	433.3	430.7	433.3	434.7	435.1	434.5	433.0	430.1	424.4
-77.5°	340.7	338.3	339.3	339.7	339.3	338.3	340.7	342.2	342.5	341.1	335.1
-80°	253.6	253.6	251.5	248.7	251.5	253.6	253.6	252.9	251.5	249.2	245.0
-82.5°	173.9	175.0	172.7	169.9	172.7	175.0	173.9	172.4	170.6	168.4	165.5
-85°	97.5	96.6	93.9	91.0	93.9	96.6	97.5	98.1	98.5	98.5	95.4
-87.5°	31.6	30.2	30.3	30.3	30.3	30.2	31.6	32.8	34.1	35.2	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: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MWR-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°	31.3	29.4	27.5	28.2	28.9	29.4	29.8	28.9	27.9	26.8	25.7
85°	92.0	88.4	84.6	83.5	82.2	80.7	78.9	75.5	71.8	68.0	64.0
82.5°	162.1	158.1	153.8	150.7	147.2	143.4	138.9	132.3	125.5	118.6	111.7
80°	240.2	234.8	229.0	223.9	218.2	212.0	204.8	194.4	183.6	172.9	162.9
77.5°	328.2	320.5	312.0	303.4	294.4	284.9	274.2	261.2	248.0	234.2	220.2
75°	417.4	409.1	399.3	387.9	375.5	362.1	347.9	332.1	315.6	298.2	280.7
72.5°	504.0	495.2	485.1	472.9	458.7	443.0	425.5	406.2	385.8	364.6	343.8
70°	588.4	577.1	567.0	556.6	543.2	527.1	506.4	483.1	458.7	434.0	409.9
67.5°	669.6	655.4	645.4	635.9	623.8	609.0	587.5	562.4	535.0	506.3	477.8
65°	750.6	734.6	724.7	716.0	704.3	689.5	666.9	641.4	612.6	580.6	547.5
62.5°	835.2	822.2	811.2	798.5	784.6	768.1	745.3	718.7	689.5	656.0	617.5
60°	914.2	904.6	887.5	871.7	857.7	840.3	813.3	787.7	763.9	725.3	684.0
57.5°	975.7	964.3	948.5	932.1	915.3	893.0	868.8	844.6	817.0	784.5	746.0
55°	1026.7	1014.3	999.5	983.3	965.1	940.2	915.3	889.4	862.8	835.7	798.1
52.5°	1082.9	1069.2	1051.7	1030.4	1009.3	984.9	956.9	929.4	904.5	876.8	846.0
50°	1149.5	1132.9	1112.9	1090.2	1062.0	1031.5	1002.2	970.1	944.0	917.0	885.6
47.5°	1239.1	1211.6	1182.1	1155.2	1120.4	1083.6	1049.9	1016.9	986.0	956.8	924.8
45°	1373.8	1322.1	1266.4	1229.2	1185.0	1143.0	1099.7	1062.5	1027.1	994.3	964.3
42.5°	1567.2	1484.9	1408.8	1334.8	1264.0	1212.5	1158.5	1112.3	1069.6	1030.6	995.4
40°	1846.5	1704.6	1599.9	1483.0	1388.0	1297.2	1228.2	1165.4	1115.9	1069.6	1026.8
37.5°	2268.2	2033.5	1859.4	1677.1	1544.8	1418.5	1312.1	1230.2	1163.0	1109.4	1059.6
35°	2920.8	2554.7	2228.3	1970.3	1736.0	1569.8	1421.2	1306.5	1220.4	1150.2	1092.2
32.5°	3940.7	3359.7	2767.2	2385.8	2024.1	1752.7	1561.6	1403.7	1281.8	1198.3	1128.5
30°	5526.8	4502.7	3631.0	2919.6	2423.5	2008.6	1717.9	1524.8	1368.8	1247.0	1165.3
27.5°	7829.0	6034.7	4815.2	3706.5	2906.0	2361.0	1944.3	1654.4	1460.5	1315.1	1207.6
25°	10516.4	8368.6	6280.2	4780.9	3602.1	2759.5	2208.8	1835.9	1573.9	1386.1	1244.8
22.5°	13348.9	10830.2	8327.2	5992.4	4465.7	3342.2	2550.3	2018.9	1681.0	1461.7	1298.8
20°	16159.2	13315.3	10463.8	7793.7	5517.1	3912.7	2921.8	2261.9	1830.5	1546.5	1350.0
17.5°	18742.1	15754.4	12630.1	9543.1	6812.0	4780.3	3392.5	2507.5	1960.9	1621.9	1394.4
15°	21188.0	18033.8	14738.1	11399.1	8196.1	5544.4	3793.7	2721.5	2096.5	1709.3	1452.4
12.5°	23403.1	20080.7	16613.0	12994.6	9424.9	6400.8	4328.9	3036.9	2263.2	1800.2	1507.1
10°	25336.7	21789.3	18094.5	14335.3	10612.5	7287.3	4834.7	3305.9	2407.6	1875.5	1551.8
7.5°	26725.4	23134.5	19271.5	15419.0	11578.6	8049.3	5264.8	3518.8	2520.9	1933.2	1586.3
5°	27746.5	24183.6	20252.8	16299.6	12295.8	8618.9	5586.0	3668.6	2601.9	1973.0	1610.2
2.5°	28446.9	24847.4	20909.6	16877.3	12711.9	8953.4	5790.6	3749.1	2640.3	2004.4	1623.4
0°	28646.1	25036.5	21075.1	17180.4	12776.1	8996.6	5872.4	3761.2	2638.9	2020.1	1625.8
-2.5°	28446.9	24847.4	20909.6	16877.3	12711.9	8953.4	5790.6	3749.1	2640.3	2004.4	1623.4
-5°	27746.5	24183.6	20252.8	16299.6	12295.8	8618.9	5586.0	3668.6	2601.9	1973.0	1610.2
-7.5°	26725.4	23134.5	19271.5	15419.0	11578.6	8049.3	5264.8	3518.8	2520.9	1933.2	1586.3
-10°	25336.7	21789.3	18094.5	14335.3	10612.5	7287.3	4834.7	3305.9	2407.6	1875.5	1551.8
-12.5°	23403.1	20080.7	16613.0	12994.6	9424.9	6400.8	4328.9	3036.9	2263.2	1800.2	1507.1
-15°	21188.0	18033.8	14738.1	11399.1	8196.1	5544.4	3793.7	2721.5	2096.5	1709.3	1452.4
-17.5°	18742.1	15754.4	12630.1	9543.1	6812.0	4780.3	3392.5	2507.5	1960.9	1621.9	1394.4
-20°	16159.2	13315.3	10463.8	7793.7	5517.1	3912.7	2921.8	2261.9	1830.5	1546.5	1350.0



REPORT NUMBER: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13348.9	10830.2	8327.2	5992.4	4465.7	3342.2	2550.3	2018.9	1681.0	1461.7	1298.8
-25°	10516.4	8368.6	6280.2	4780.9	3602.1	2759.5	2208.8	1835.9	1573.9	1386.1	1244.8
-27.5°	7829.0	6034.7	4815.2	3706.5	2906.0	2361.0	1944.3	1654.4	1460.5	1315.1	1207.6
-30°	5526.8	4502.7	3631.0	2919.6	2423.5	2008.6	1717.9	1524.8	1368.8	1247.0	1165.3
-32.5°	3940.7	3359.7	2767.2	2385.8	2024.1	1752.7	1561.6	1403.7	1281.8	1198.3	1128.5
-35°	2920.8	2554.7	2228.3	1970.3	1736.0	1569.8	1421.2	1306.5	1220.4	1150.2	1092.2
-37.5°	2268.2	2033.5	1859.4	1677.1	1544.8	1418.5	1312.1	1230.2	1163.0	1109.4	1059.6
-40°	1846.5	1704.6	1599.9	1483.0	1388.0	1297.2	1228.2	1165.4	1115.9	1069.6	1026.8
-42.5°	1567.2	1484.9	1408.8	1334.8	1264.0	1212.5	1158.5	1112.3	1069.6	1030.6	995.4
-45°	1373.8	1322.1	1266.4	1229.2	1185.0	1143.0	1099.7	1062.5	1027.1	994.3	964.3
-47.5°	1239.1	1211.6	1182.1	1155.2	1120.4	1083.6	1049.9	1016.9	986.0	956.8	924.8
-50°	1149.5	1132.9	1112.9	1090.2	1062.0	1031.5	1002.2	970.1	944.0	917.0	885.6
-52.5°	1082.9	1069.2	1051.7	1030.4	1009.3	984.9	956.9	929.4	904.5	876.8	846.0
-55°	1026.7	1014.3	999.5	983.3	965.1	940.2	915.3	889.4	862.8	835.7	798.1
-57.5°	975.7	964.3	948.5	932.1	915.3	893.0	868.8	844.6	817.0	784.5	746.0
-60°	914.2	904.6	887.5	871.7	857.7	840.3	813.3	787.7	763.9	725.3	684.0
-62.5°	835.2	822.2	811.2	798.5	784.6	768.1	745.3	718.7	689.5	656.0	617.5
-65°	750.6	734.6	724.7	716.0	704.3	689.5	666.9	641.4	612.6	580.6	547.5
-67.5°	669.6	655.4	645.4	635.9	623.8	609.0	587.5	562.4	535.0	506.3	477.8
-70°	588.4	577.1	567.0	556.6	543.2	527.1	506.4	483.1	458.7	434.0	409.9
-72.5°	504.0	495.2	485.1	472.9	458.7	443.0	425.5	406.2	385.8	364.6	343.8
-75°	417.4	409.1	399.3	387.9	375.5	362.1	347.9	332.1	315.6	298.2	280.7
-77.5°	328.2	320.5	312.0	303.4	294.4	284.9	274.2	261.2	248.0	234.2	220.2
-80°	240.2	234.8	229.0	223.9	218.2	212.0	204.8	194.4	183.6	172.9	162.9
-82.5°	162.1	158.1	153.8	150.7	147.2	143.4	138.9	132.3	125.5	118.6	111.7
-85°	92.0	88.4	84.6	83.5	82.2	80.7	78.9	75.5	71.8	68.0	64.0
-87.5°	31.3	29.4	27.5	28.2	28.9	29.4	29.8	28.9	27.9	26.8	25.7
-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: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-MWR-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°	24.6	23.4	22.2	20.9	19.6	18.2	16.8	15.4	13.3	11.4	9.6
85°	59.8	55.4	50.8	46.1	41.2	36.4	33.6	30.7	26.6	22.8	19.1
82.5°	104.8	98.1	91.3	84.2	76.0	68.0	60.1	52.4	43.8	34.8	28.6
80°	153.7	144.1	134.2	123.8	111.9	99.4	88.4	77.8	67.4	56.3	44.6
77.5°	206.8	192.8	178.3	165.1	151.4	136.7	121.1	104.9	90.9	77.8	63.9
75°	263.5	246.5	229.1	211.2	192.7	173.9	156.1	137.4	118.7	99.6	83.0
72.5°	323.6	302.6	280.8	258.6	237.0	214.9	192.3	169.6	147.8	125.6	103.0
70°	385.3	359.7	334.3	309.2	282.9	255.7	229.8	203.2	176.6	151.2	125.6
67.5°	448.3	419.4	389.6	360.0	330.8	300.1	267.8	236.6	206.3	176.6	147.8
65°	514.5	480.4	445.3	411.8	378.4	344.8	309.4	270.7	235.4	202.1	169.6
62.5°	579.7	542.4	503.1	463.1	425.1	387.9	350.3	307.2	264.6	227.1	191.2
60°	642.9	601.1	558.8	514.6	471.3	429.7	387.9	342.8	296.4	251.4	212.2
57.5°	700.8	656.9	609.7	563.2	516.5	470.4	424.2	376.4	327.2	277.8	232.6
55°	755.2	707.4	658.1	607.8	558.9	509.8	459.6	408.6	356.9	304.1	252.6
52.5°	806.2	756.3	704.0	650.6	597.6	547.0	494.1	439.9	385.0	329.4	274.6
50°	850.8	803.9	748.5	692.1	634.8	581.3	527.4	470.2	412.3	353.8	296.1
47.5°	888.3	845.2	791.7	732.3	672.0	614.8	558.7	499.5	438.6	377.1	316.7
45°	925.0	883.4	831.7	771.0	708.7	648.4	588.8	527.6	463.9	399.7	336.3
42.5°	959.4	917.8	869.5	808.2	743.8	680.5	618.1	554.3	488.1	421.1	355.0
40°	988.6	948.0	905.1	844.0	777.0	710.9	645.8	579.9	511.2	441.5	372.7
37.5°	1017.1	975.5	931.3	877.6	808.1	739.5	671.9	604.5	533.6	461.3	389.4
35°	1044.7	1001.6	954.8	903.8	837.0	766.1	696.2	627.4	554.5	480.1	405.0
32.5°	1069.3	1025.1	976.5	925.0	863.7	790.7	718.8	647.6	573.9	498.0	419.5
30°	1098.7	1044.8	996.0	945.8	886.5	813.2	739.6	666.4	591.8	514.8	433.1
27.5°	1126.7	1063.7	1013.4	963.1	904.4	833.7	758.9	683.8	608.2	530.1	446.5
25°	1153.9	1085.4	1029.6	977.5	921.5	853.2	776.6	699.8	622.6	543.4	458.9
22.5°	1185.1	1105.2	1044.7	990.1	937.9	870.9	792.6	714.2	635.5	555.4	470.3
20°	1212.9	1121.6	1058.7	1001.9	950.2	884.2	807.0	727.0	646.9	566.0	480.6
17.5°	1240.0	1140.1	1072.3	1013.3	959.4	895.9	819.5	738.3	657.0	575.2	489.7
15°	1277.7	1161.4	1084.2	1023.0	967.1	905.8	830.3	748.0	665.6	583.0	497.9
12.5°	1310.0	1179.2	1094.0	1030.9	973.5	914.0	839.2	756.0	672.7	589.9	505.1
10°	1336.2	1193.4	1101.6	1037.1	978.3	920.5	846.2	762.7	679.4	595.9	511.1
7.5°	1356.1	1204.0	1107.1	1041.5	981.7	925.2	852.7	768.7	684.7	600.6	515.7
5°	1369.6	1210.9	1111.6	1044.0	983.6	928.1	857.5	773.0	688.5	604.0	519.0
2.5°	1376.6	1214.0	1115.0	1044.6	984.0	929.1	860.4	775.6	690.8	606.0	521.0
0°	1377.1	1213.3	1116.2	1043.4	982.8	928.2	861.4	776.5	691.6	606.7	521.7
-2.5°	1376.6	1214.0	1115.0	1044.6	984.0	929.1	860.4	775.6	690.8	606.0	521.0
-5°	1369.6	1210.9	1111.6	1044.0	983.6	928.1	857.5	773.0	688.5	604.0	519.0
-7.5°	1356.1	1204.0	1107.1	1041.5	981.7	925.2	852.7	768.7	684.7	600.6	515.7
-10°	1336.2	1193.4	1101.6	1037.1	978.3	920.5	846.2	762.7	679.4	595.9	511.1
-12.5°	1310.0	1179.2	1094.0	1030.9	973.5	914.0	839.2	756.0	672.7	589.9	505.1
-15°	1277.7	1161.4	1084.2	1023.0	967.1	905.8	830.3	748.0	665.6	583.0	497.9
-17.5°	1240.0	1140.1	1072.3	1013.3	959.4	895.9	819.5	738.3	657.0	575.2	489.7
-20°	1212.9	1121.6	1058.7	1001.9	950.2	884.2	807.0	727.0	646.9	566.0	480.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1185.1	1105.2	1044.7	990.1	937.9	870.9	792.6	714.2	635.5	555.4	470.3
-25°	1153.9	1085.4	1029.6	977.5	921.5	853.2	776.6	699.8	622.6	543.4	458.9
-27.5°	1126.7	1063.7	1013.4	963.1	904.4	833.7	758.9	683.8	608.2	530.1	446.5
-30°	1098.7	1044.8	996.0	945.8	886.5	813.2	739.6	666.4	591.8	514.8	433.1
-32.5°	1069.3	1025.1	976.5	925.0	863.7	790.7	718.8	647.6	573.9	498.0	419.5
-35°	1044.7	1001.6	954.8	903.8	837.0	766.1	696.2	627.4	554.5	480.1	405.0
-37.5°	1017.1	975.5	931.3	877.6	808.1	739.5	671.9	604.5	533.6	461.3	389.4
-40°	988.6	948.0	905.1	844.0	777.0	710.9	645.8	579.9	511.2	441.5	372.7
-42.5°	959.4	917.8	869.5	808.2	743.8	680.5	618.1	554.3	488.1	421.1	355.0
-45°	925.0	883.4	831.7	771.0	708.7	648.4	588.8	527.6	463.9	399.7	336.3
-47.5°	888.3	845.2	791.7	732.3	672.0	614.8	558.7	499.5	438.6	377.1	316.7
-50°	850.8	803.9	748.5	692.1	634.8	581.3	527.4	470.2	412.3	353.8	296.1
-52.5°	806.2	756.3	704.0	650.6	597.6	547.0	494.1	439.9	385.0	329.4	274.6
-55°	755.2	707.4	658.1	607.8	558.9	509.8	459.6	408.6	356.9	304.1	252.6
-57.5°	700.8	656.9	609.7	563.2	516.5	470.4	424.2	376.4	327.2	277.8	232.6
-60°	642.9	601.1	558.8	514.6	471.3	429.7	387.9	342.8	296.4	251.4	212.2
-62.5°	579.7	542.4	503.1	463.1	425.1	387.9	350.3	307.2	264.6	227.1	191.2
-65°	514.5	480.4	445.3	411.8	378.4	344.8	309.4	270.7	235.4	202.1	169.6
-67.5°	448.3	419.4	389.6	360.0	330.8	300.1	267.8	236.6	206.3	176.6	147.8
-70°	385.3	359.7	334.3	309.2	282.9	255.7	229.8	203.2	176.6	151.2	125.6
-72.5°	323.6	302.6	280.8	258.6	237.0	214.9	192.3	169.6	147.8	125.6	103.0
-75°	263.5	246.5	229.1	211.2	192.7	173.9	156.1	137.4	118.7	99.6	83.0
-77.5°	206.8	192.8	178.3	165.1	151.4	136.7	121.1	104.9	90.9	77.8	63.9
-80°	153.7	144.1	134.2	123.8	111.9	99.4	88.4	77.8	67.4	56.3	44.6
-82.5°	104.8	98.1	91.3	84.2	76.0	68.0	60.1	52.4	43.8	34.8	28.6
-85°	59.8	55.4	50.8	46.1	41.2	36.4	33.6	30.7	26.6	22.8	19.1
-87.5°	24.6	23.4	22.2	20.9	19.6	18.2	16.8	15.4	13.3	11.4	9.6
-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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REPORT NUMBER: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MWR-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°	7.8	6.6	5.3	4.0	2.6	1.3	0.0
85°	15.7	13.1	10.5	7.9	5.3	2.6	0.0
82.5°	23.5	19.6	15.7	11.8	7.9	4.0	0.0
80°	32.3	26.1	20.9	15.7	10.5	5.3	0.0
77.5°	49.3	35.2	26.1	19.6	13.1	6.6	0.0
75°	66.1	49.3	32.3	23.5	15.7	7.8	0.0
72.5°	82.8	63.2	43.5	27.3	18.2	9.1	0.0
70°	99.6	76.9	54.5	31.9	20.7	10.4	0.0
67.5°	118.5	90.5	65.3	40.0	23.2	11.6	0.0
65°	137.0	104.7	76.0	48.0	25.6	12.8	0.0
62.5°	155.1	119.6	86.4	55.8	28.0	14.0	0.0
60°	172.7	134.1	96.6	63.5	30.3	15.1	0.0
57.5°	190.4	148.2	107.7	71.0	35.1	16.3	0.0
55°	207.7	161.9	118.5	78.2	39.9	17.4	0.0
52.5°	224.6	175.2	129.0	85.3	44.5	18.4	0.0
50°	241.1	189.0	139.0	92.1	48.9	19.5	0.0
47.5°	257.3	202.4	148.7	98.8	53.1	20.5	0.0
45°	274.1	215.3	157.9	105.7	57.2	21.4	0.0
42.5°	290.1	227.7	166.7	112.3	61.0	22.3	0.0
40°	305.2	239.6	175.6	118.4	64.6	23.2	0.0
37.5°	319.5	251.0	184.7	124.1	68.0	24.0	0.0
35°	332.9	262.1	193.3	129.4	71.2	24.8	0.0
32.5°	345.4	272.6	201.3	134.4	74.2	25.6	0.0
30°	357.0	282.3	208.9	139.0	76.9	26.2	0.0
27.5°	367.6	291.3	215.7	143.2	79.4	26.9	0.0
25°	377.2	299.5	221.8	147.1	81.7	27.5	0.0
22.5°	385.9	306.7	227.3	150.6	83.7	28.0	0.0
20°	393.5	312.9	232.2	153.7	85.5	28.5	0.0
17.5°	400.4	318.3	236.5	156.4	87.0	28.9	0.0
15°	406.7	322.9	240.2	158.7	88.3	29.3	0.0
12.5°	412.0	326.8	243.2	160.6	89.4	29.6	0.0
10°	416.5	329.8	245.6	162.1	90.2	29.8	0.0
7.5°	420.0	332.0	247.4	163.1	90.7	30.0	0.0
5°	422.6	333.4	248.5	163.8	91.1	30.2	0.0
2.5°	424.2	334.0	248.9	164.0	91.2	30.3	0.0
0°	424.7	333.7	248.7	163.8	91.0	30.3	0.0
-2.5°	424.2	334.0	248.9	164.0	91.2	30.3	0.0
-5°	422.6	333.4	248.5	163.8	91.1	30.2	0.0
-7.5°	420.0	332.0	247.4	163.1	90.7	30.0	0.0
-10°	416.5	329.8	245.6	162.1	90.2	29.8	0.0
-12.5°	412.0	326.8	243.2	160.6	89.4	29.6	0.0
-15°	406.7	322.9	240.2	158.7	88.3	29.3	0.0
-17.5°	400.4	318.3	236.5	156.4	87.0	28.9	0.0
-20°	393.5	312.9	232.2	153.7	85.5	28.5	0.0

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REPORT NUMBER: P627817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	385.9	306.7	227.3	150.6	83.7	28.0	0.0
-25°	377.2	299.5	221.8	147.1	81.7	27.5	0.0
-27.5°	367.6	291.3	215.7	143.2	79.4	26.9	0.0
-30°	357.0	282.3	208.9	139.0	76.9	26.2	0.0
-32.5°	345.4	272.6	201.3	134.4	74.2	25.6	0.0
-35°	332.9	262.1	193.3	129.4	71.2	24.8	0.0
-37.5°	319.5	251.0	184.7	124.1	68.0	24.0	0.0
-40°	305.2	239.6	175.6	118.4	64.6	23.2	0.0
-42.5°	290.1	227.7	166.7	112.3	61.0	22.3	0.0
-45°	274.1	215.3	157.9	105.7	57.2	21.4	0.0
-47.5°	257.3	202.4	148.7	98.8	53.1	20.5	0.0
-50°	241.1	189.0	139.0	92.1	48.9	19.5	0.0
-52.5°	224.6	175.2	129.0	85.3	44.5	18.4	0.0
-55°	207.7	161.9	118.5	78.2	39.9	17.4	0.0
-57.5°	190.4	148.2	107.7	71.0	35.1	16.3	0.0
-60°	172.7	134.1	96.6	63.5	30.3	15.1	0.0
-62.5°	155.1	119.6	86.4	55.8	28.0	14.0	0.0
-65°	137.0	104.7	76.0	48.0	25.6	12.8	0.0
-67.5°	118.5	90.5	65.3	40.0	23.2	11.6	0.0
-70°	99.6	76.9	54.5	31.9	20.7	10.4	0.0
-72.5°	82.8	63.2	43.5	27.3	18.2	9.1	0.0
-75°	66.1	49.3	32.3	23.5	15.7	7.8	0.0
-77.5°	49.3	35.2	26.1	19.6	13.1	6.6	0.0
-80°	32.3	26.1	20.9	15.7	10.5	5.3	0.0
-82.5°	23.5	19.6	15.7	11.8	7.9	4.0	0.0
-85°	15.7	13.1	10.5	7.9	5.3	2.6	0.0
-87.5°	7.8	6.6	5.3	4.0	2.6	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)