

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: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-735-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N144
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

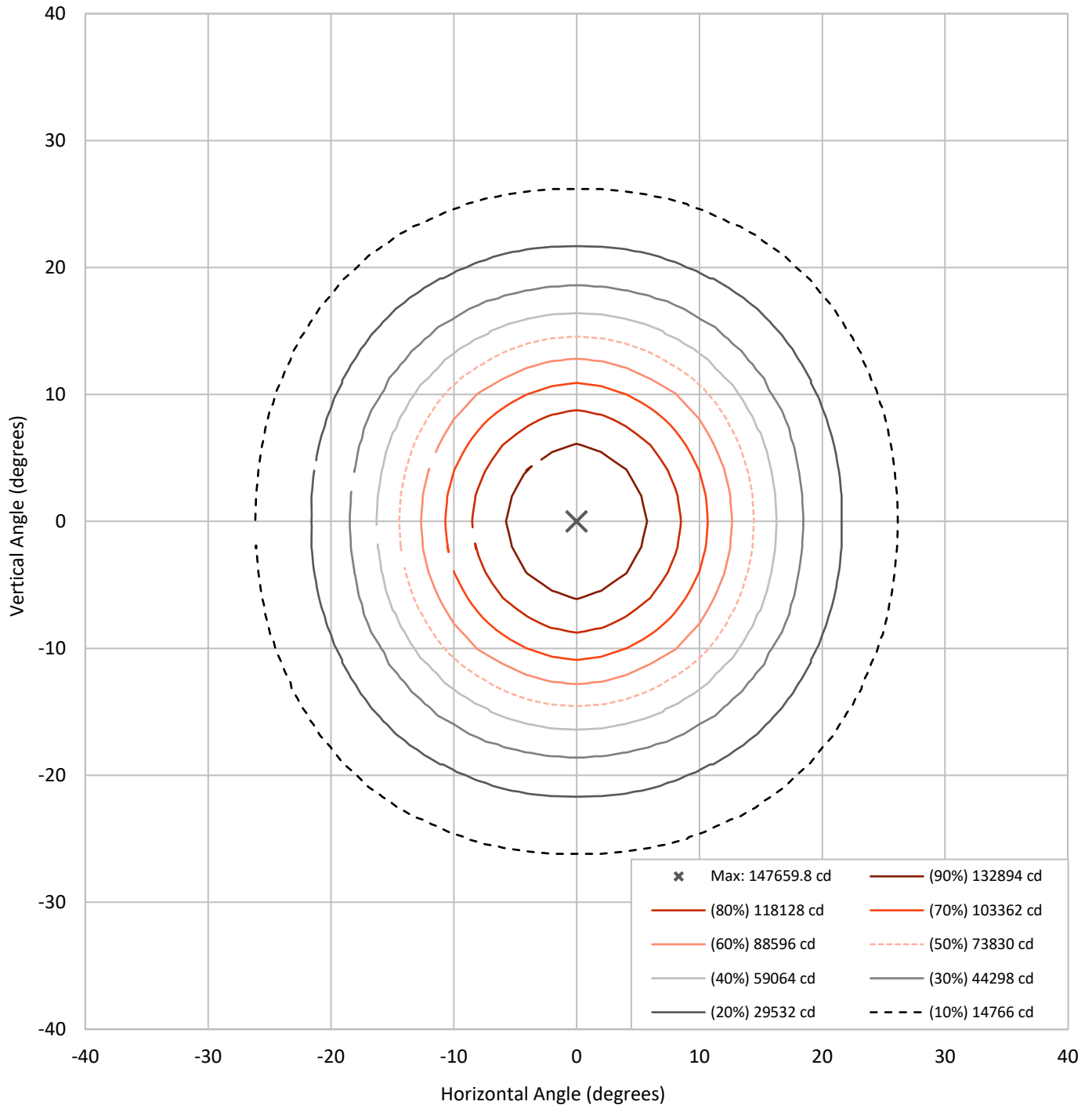
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	46134 lumens	Max Intensity:	147659.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	141.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	22429.7 lumens	Field Lumens:	37852.2 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	325.9		
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





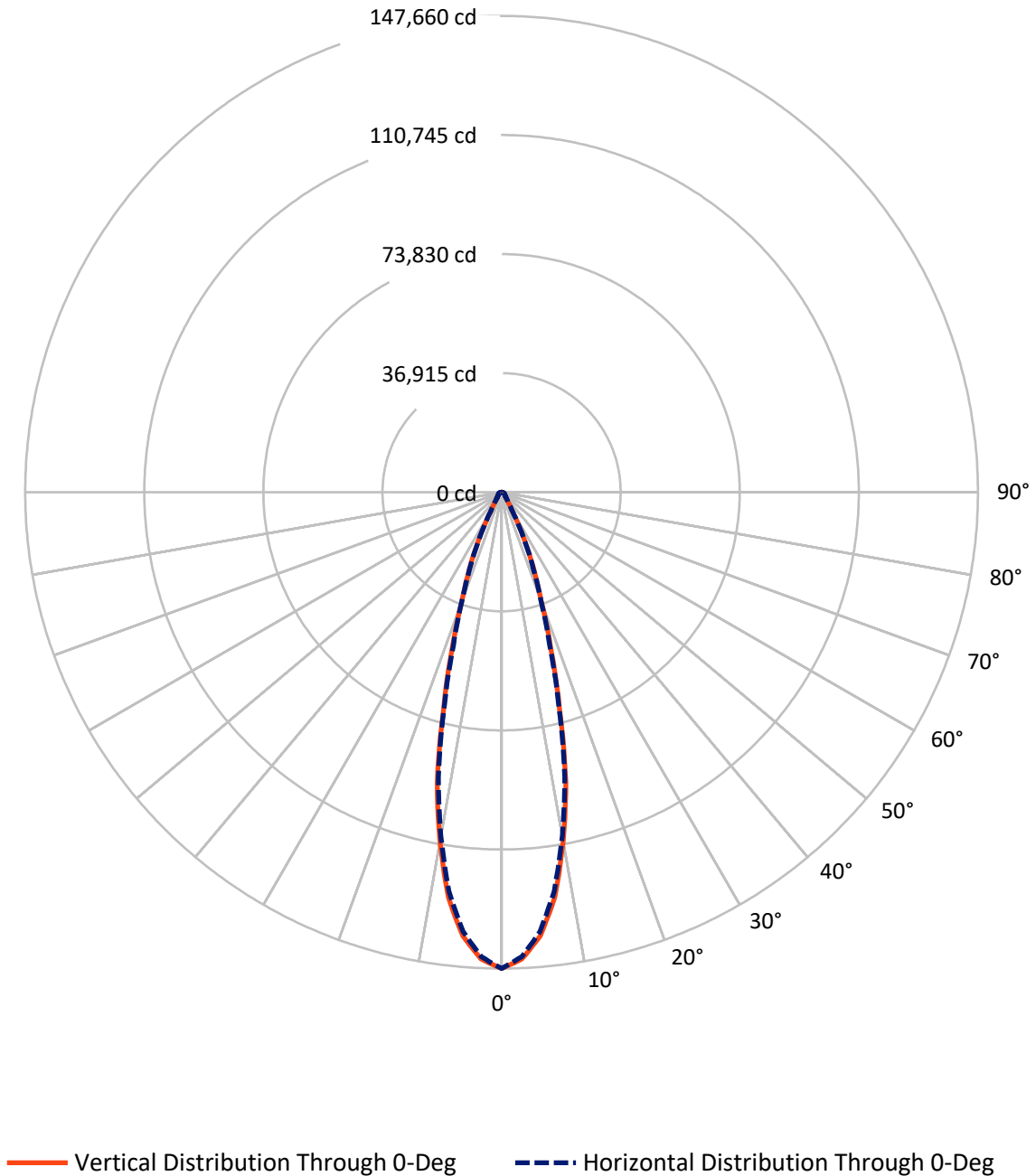
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Lumen Table

90															90				
80	0.9	7.6		20.0		31.7		35.2		31.7		20.0		7.6	0.9				
70															70				
60	3.5	4.0	8.0	13.0	18.2	22.3	24.9	26.2	26.2	24.9	22.3	18.2	13.0	8.0	4.0	3.5			
		5.9	11.9	19.2	25.8	31.7	35.6	36.9	36.9	35.6	31.7	25.8	19.2	11.9	5.9				
50	6.1															6.1			
		7.6	15.3	23.7	31.6	40.0	47.0	50.5	50.5	47.0	40.0	31.6	23.7	15.3	7.6				
40	6.1	8.9	17.9	27.4	38.7	55.2	80.0	103.9	103.9	80.0	55.2	38.7	27.4	17.9	8.9	6.1			
30	7.8															7.8			
		10.0	19.6	30.9	49.6	107.9	303.7	538.5	538.5	303.7	107.9	49.6	30.9	19.6	10.0				
20	7.8	10.7	20.6	33.6	67.6	283.2	1009.2	1933.8	1933.8	1009.2	283.2	67.6	33.6	20.6	10.7	7.8			
10	8.4															8.4			
		11.1	21.0	35.3	85.8	488.8	1867.9	3674.1	3674.1	1867.9	488.8	85.8	35.3	21.0	11.1				
0	8.4	11.1	21.0	35.3	85.8	488.8	1867.9	3674.1	3674.1	1867.9	488.8	85.8	35.3	21.0	11.1	8.4			
-10	7.8															7.8			
		10.7	20.6	33.6	67.6	283.2	1009.2	1933.8	1933.8	1009.2	283.2	67.6	33.6	20.6	10.7				
-20	7.8	10.0	19.6	30.9	49.6	107.9	303.7	538.5	538.5	303.7	107.9	49.6	30.9	19.6	10.0	7.8			
-30	6.1															6.1			
		8.9	17.9	27.4	38.7	55.2	80.0	103.9	103.9	80.0	55.2	38.7	27.4	17.9	8.9				
-40	6.1	7.6	15.3	23.7	31.6	40.0	47.0	50.5	50.5	47.0	40.0	31.6	23.7	15.3	7.6	6.1			
-50	3.5															3.5			
		5.9	11.9	19.2	25.8	31.7	35.6	36.9	36.9	35.6	31.7	25.8	19.2	11.9	5.9				
-60	3.5	4.0	8.0	13.0	18.2	22.3	24.9	26.2	26.2	24.9	22.3	18.2	13.0	8.0	4.0	3.5			
-70	0.9															0.9			
		7.6	20.0		31.7		35.2		31.7		20.0		7.6						
-80	0.9															0.9			
-90	0.9															0.9			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

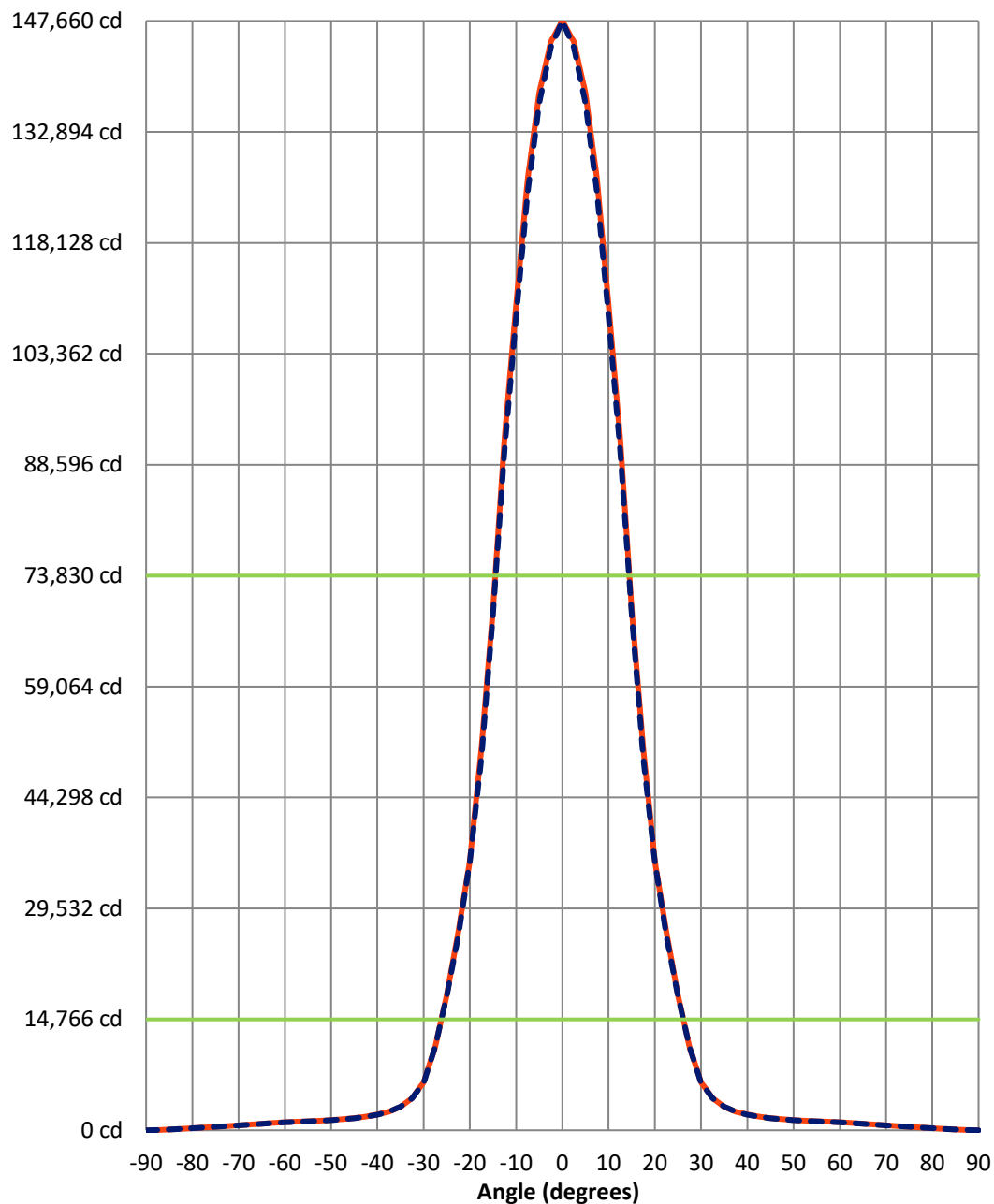
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 22429.7
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 37852.2
 Efficiency: 82.0%

Spill:
 Lumens: 8281.8
 Efficiency: 18.0%

- 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	1.7	3.3	4.9	6.6	8.2	9.8	11.4	13.0	14.5	16.0
85°	0.0	3.3	6.6	9.9	13.1	16.4	19.6	22.8	25.9	29.0	32.0
82.5°	0.0	4.9	9.9	14.8	19.7	24.5	29.3	34.1	39.6	48.5	57.9
80°	0.0	6.6	13.1	19.7	26.2	32.7	39.9	51.4	63.5	76.2	89.5
77.5°	0.0	8.2	16.4	24.5	32.7	42.8	56.8	71.6	87.2	103.6	121.7
75°	0.0	9.8	19.6	29.3	39.9	56.8	73.5	91.5	111.1	134.0	156.7
72.5°	0.0	11.4	22.8	34.1	51.0	70.6	90.1	112.3	139.0	165.3	191.3
70°	0.0	13.0	25.9	39.5	61.9	84.3	107.0	136.5	166.6	196.3	228.5
67.5°	0.0	14.5	29.0	47.5	72.7	97.7	127.6	160.3	193.8	230.1	265.9
65°	0.0	16.0	32.0	55.5	83.3	112.8	148.0	183.7	223.4	263.3	303.6
62.5°	0.0	17.5	35.0	63.3	93.6	129.4	167.9	208.4	252.4	296.3	342.5
60°	0.0	18.9	37.9	70.9	103.8	145.7	187.4	233.3	280.9	329.8	380.2
57.5°	0.0	20.4	42.8	78.3	116.4	161.6	207.9	257.6	309.1	362.1	417.4
55°	0.0	21.7	47.6	85.5	128.7	177.0	227.9	281.2	336.4	393.7	454.1
52.5°	0.0	23.1	52.3	92.5	140.7	192.2	247.1	304.2	362.7	425.7	489.6
50°	0.0	24.4	56.8	99.3	152.4	207.4	265.6	326.4	388.5	456.6	522.5
47.5°	0.0	25.6	61.2	106.3	163.6	222.1	283.4	347.8	415.0	486.4	553.6
45°	0.0	26.8	65.3	114.4	174.3	236.0	301.0	368.3	440.6	512.8	583.0
42.5°	0.0	27.9	69.4	122.1	184.7	249.2	317.8	388.8	464.9	537.6	610.1
40°	0.0	29.0	73.2	129.4	194.6	261.7	333.8	408.8	487.1	560.8	635.6
37.5°	0.0	30.1	76.8	136.2	204.1	273.5	349.0	427.4	506.9	583.2	659.8
35°	0.0	31.0	80.2	142.5	212.9	285.1	363.3	444.8	525.5	604.2	682.5
32.5°	0.0	32.0	83.5	148.4	221.2	296.2	376.9	460.9	542.9	623.9	704.6
30°	0.0	32.8	86.5	153.8	228.8	306.6	389.7	475.5	559.0	642.2	725.1
27.5°	0.0	33.6	89.3	158.6	235.7	316.2	401.4	488.5	573.9	659.1	744.0
25°	0.0	34.3	91.8	163.0	242.1	325.0	412.0	500.2	587.5	674.4	761.3
22.5°	0.0	35.0	94.2	166.9	248.0	332.9	421.4	510.8	599.7	688.3	778.6
20°	0.0	35.6	96.3	170.3	253.4	339.8	429.7	520.2	610.5	700.6	794.0
17.5°	0.0	36.1	98.1	173.2	258.3	345.6	437.3	528.4	619.9	711.3	807.4
15°	0.0	36.6	99.8	175.6	262.5	350.6	444.2	535.9	627.8	720.3	818.8
12.5°	0.0	37.0	101.1	177.6	266.2	354.5	450.2	543.0	635.3	727.7	828.1
10°	0.0	37.3	102.3	179.0	269.3	357.4	455.2	548.8	642.0	736.6	836.8
7.5°	0.0	37.6	103.2	180.0	271.7	359.5	459.1	553.3	647.2	744.4	846.4
5°	0.0	37.8	103.8	180.5	273.5	360.6	462.0	556.6	651.0	750.7	853.8
2.5°	0.0	37.9	104.2	180.5	274.5	360.8	463.8	558.5	653.2	755.4	859.2
0°	0.0	37.9	104.3	180.1	274.9	360.2	464.4	559.2	654.0	758.3	862.5
-2.5°	0.0	37.9	104.2	180.5	274.5	360.8	463.8	558.5	653.2	755.4	859.2
-5°	0.0	37.8	103.8	180.5	273.5	360.6	462.0	556.6	651.0	750.7	853.8
-7.5°	0.0	37.6	103.2	180.0	271.7	359.5	459.1	553.3	647.2	744.4	846.4
-10°	0.0	37.3	102.3	179.0	269.3	357.4	455.2	548.8	642.0	736.6	836.8
-12.5°	0.0	37.0	101.1	177.6	266.2	354.5	450.2	543.0	635.3	727.7	828.1
-15°	0.0	36.6	99.8	175.6	262.5	350.6	444.2	535.9	627.8	720.3	818.8
-17.5°	0.0	36.1	98.1	173.2	258.3	345.6	437.3	528.4	619.9	711.3	807.4
-20°	0.0	35.6	96.3	170.3	253.4	339.8	429.7	520.2	610.5	700.6	794.0

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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	35.0	94.2	166.9	248.0	332.9	421.4	510.8	599.7	688.3	778.6
-25°	0.0	34.3	91.8	163.0	242.1	325.0	412.0	500.2	587.5	674.4	761.3
-27.5°	0.0	33.6	89.3	158.6	235.7	316.2	401.4	488.5	573.9	659.1	744.0
-30°	0.0	32.8	86.5	153.8	228.8	306.6	389.7	475.5	559.0	642.2	725.1
-32.5°	0.0	32.0	83.5	148.4	221.2	296.2	376.9	460.9	542.9	623.9	704.6
-35°	0.0	31.0	80.2	142.5	212.9	285.1	363.3	444.8	525.5	604.2	682.5
-37.5°	0.0	30.1	76.8	136.2	204.1	273.5	349.0	427.4	506.9	583.2	659.8
-40°	0.0	29.0	73.2	129.4	194.6	261.7	333.8	408.8	487.1	560.8	635.6
-42.5°	0.0	27.9	69.4	122.1	184.7	249.2	317.8	388.8	464.9	537.6	610.1
-45°	0.0	26.8	65.3	114.4	174.3	236.0	301.0	368.3	440.6	512.8	583.0
-47.5°	0.0	25.6	61.2	106.3	163.6	222.1	283.4	347.8	415.0	486.4	553.6
-50°	0.0	24.4	56.8	99.3	152.4	207.4	265.6	326.4	388.5	456.6	522.5
-52.5°	0.0	23.1	52.3	92.5	140.7	192.2	247.1	304.2	362.7	425.7	489.6
-55°	0.0	21.7	47.6	85.5	128.7	177.0	227.9	281.2	336.4	393.7	454.1
-57.5°	0.0	20.4	42.8	78.3	116.4	161.6	207.9	257.6	309.1	362.1	417.4
-60°	0.0	18.9	37.9	70.9	103.8	145.7	187.4	233.3	280.9	329.8	380.2
-62.5°	0.0	17.5	35.0	63.3	93.6	129.4	167.9	208.4	252.4	296.3	342.5
-65°	0.0	16.0	32.0	55.5	83.3	112.8	148.0	183.7	223.4	263.3	303.6
-67.5°	0.0	14.5	29.0	47.5	72.7	97.7	127.6	160.3	193.8	230.1	265.9
-70°	0.0	13.0	25.9	39.5	61.9	84.3	107.0	136.5	166.6	196.3	228.5
-72.5°	0.0	11.4	22.8	34.1	51.0	70.6	90.1	112.3	139.0	165.3	191.3
-75°	0.0	9.8	19.6	29.3	39.9	56.8	73.5	91.5	111.1	134.0	156.7
-77.5°	0.0	8.2	16.4	24.5	32.7	42.8	56.8	71.6	87.2	103.6	121.7
-80°	0.0	6.6	13.1	19.7	26.2	32.7	39.9	51.4	63.5	76.2	89.5
-82.5°	0.0	4.9	9.9	14.8	19.7	24.5	29.3	34.1	39.6	48.5	57.9
-85°	0.0	3.3	6.6	9.9	13.1	16.4	19.6	22.8	25.9	29.0	32.0
-87.5°	0.0	1.7	3.3	4.9	6.6	8.2	9.8	11.4	13.0	14.5	16.0
-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°	17.5	18.9	20.4	21.7	23.1	24.4	25.6	26.8	27.9	29.0	30.1
85°	35.0	37.9	43.5	49.0	54.3	59.5	64.4	69.2	73.8	78.2	82.3
82.5°	66.9	75.6	84.0	92.3	100.3	108.0	115.5	122.7	129.6	136.1	142.4
80°	101.5	113.1	124.8	135.6	146.1	156.5	166.4	176.0	185.2	195.1	205.5
77.5°	138.3	153.1	166.6	178.9	192.3	208.4	224.0	239.0	253.3	267.0	280.0
75°	176.1	193.0	211.5	229.8	248.9	268.3	287.1	305.2	322.8	340.9	359.0
72.5°	215.9	238.9	261.2	282.9	306.9	330.5	352.1	371.8	394.1	418.7	441.2
70°	258.2	284.7	312.8	340.7	367.9	394.1	420.9	447.9	475.1	501.5	526.7
67.5°	300.6	333.9	366.4	398.1	428.9	460.4	492.2	524.7	556.0	586.0	615.1
65°	345.8	383.1	419.4	454.8	489.2	527.6	565.2	601.5	641.2	678.0	710.0
62.5°	389.8	431.5	471.6	511.7	553.5	596.0	639.5	685.2	732.5	766.5	795.9
60°	432.1	479.0	523.9	569.8	616.4	664.3	714.4	763.1	806.3	843.5	874.4
57.5°	473.4	526.0	575.7	625.5	676.5	730.9	786.1	835.8	876.1	911.9	945.8
55°	513.4	571.7	624.5	677.6	735.5	799.4	855.9	900.8	941.9	971.6	1004.0
52.5°	551.5	613.9	669.2	728.6	794.9	861.1	917.3	960.9	995.4	1026.2	1057.8
50°	587.9	650.6	712.0	779.6	849.6	916.0	972.9	1013.0	1047.8	1079.7	1110.1
47.5°	620.9	686.1	755.4	827.7	900.9	966.5	1021.0	1061.9	1097.9	1130.7	1164.2
45°	652.0	722.1	795.7	874.9	949.9	1014.9	1064.5	1108.4	1143.1	1180.0	1222.0
42.5°	681.7	756.6	836.7	921.1	997.5	1057.0	1105.1	1147.2	1187.2	1231.6	1278.3
40°	710.9	788.9	875.5	964.2	1042.1	1093.7	1141.9	1186.5	1232.5	1282.9	1333.9
37.5°	738.2	822.0	911.9	1004.4	1074.9	1128.5	1178.3	1228.0	1279.6	1333.9	1397.3
35°	763.3	852.4	946.6	1036.1	1103.8	1162.2	1215.6	1269.5	1327.4	1393.7	1463.6
32.5°	787.7	880.1	979.0	1062.8	1130.2	1192.6	1251.4	1312.5	1378.7	1451.7	1531.6
30°	811.6	907.2	1007.3	1090.2	1153.7	1217.5	1286.6	1354.5	1428.1	1509.2	1603.0
27.5°	834.9	932.2	1030.9	1111.6	1174.3	1239.2	1313.3	1395.9	1476.3	1565.1	1673.9
25°	856.2	958.1	1054.4	1128.6	1192.0	1260.1	1337.4	1425.3	1519.9	1625.5	1758.7
22.5°	876.4	981.4	1076.5	1143.0	1206.8	1278.2	1361.5	1454.4	1557.3	1679.6	1842.4
20°	895.2	999.6	1091.2	1156.4	1219.0	1292.8	1382.3	1480.1	1597.6	1745.9	1940.5
17.5°	911.7	1014.9	1101.4	1167.3	1231.9	1307.8	1400.0	1501.8	1633.9	1804.4	2034.7
15°	925.8	1027.5	1110.2	1175.7	1242.8	1323.2	1418.1	1529.1	1673.8	1861.6	2116.1
12.5°	937.4	1037.4	1117.6	1181.7	1251.3	1334.6	1433.6	1555.4	1713.6	1924.1	2225.7
10°	946.5	1044.5	1123.4	1185.5	1257.3	1342.2	1445.7	1575.9	1745.7	1976.3	2319.6
7.5°	955.4	1050.9	1127.5	1187.0	1260.8	1346.0	1454.2	1590.5	1769.3	2015.5	2394.5
5°	961.8	1056.8	1129.9	1190.6	1262.9	1347.6	1460.0	1598.9	1784.0	2041.3	2447.4
2.5°	965.6	1060.4	1130.0	1193.2	1263.1	1348.3	1466.7	1603.5	1800.4	2063.2	2477.5
0°	966.8	1061.6	1127.9	1194.2	1260.6	1345.9	1469.1	1601.8	1810.3	2075.7	2483.3
-2.5°	965.6	1060.4	1130.0	1193.2	1263.1	1348.3	1466.7	1603.5	1800.4	2063.2	2477.5
-5°	961.8	1056.8	1129.9	1190.6	1262.9	1347.6	1460.0	1598.9	1784.0	2041.3	2447.4
-7.5°	955.4	1050.9	1127.5	1187.0	1260.8	1346.0	1454.2	1590.5	1769.3	2015.5	2394.5
-10°	946.5	1044.5	1123.4	1185.5	1257.3	1342.2	1445.7	1575.9	1745.7	1976.3	2319.6
-12.5°	937.4	1037.4	1117.6	1181.7	1251.3	1334.6	1433.6	1555.4	1713.6	1924.1	2225.7
-15°	925.8	1027.5	1110.2	1175.7	1242.8	1323.2	1418.1	1529.1	1673.8	1861.6	2116.1
-17.5°	911.7	1014.9	1101.4	1167.3	1231.9	1307.8	1400.0	1501.8	1633.9	1804.4	2034.7
-20°	895.2	999.6	1091.2	1156.4	1219.0	1292.8	1382.3	1480.1	1597.6	1745.9	1940.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	876.4	981.4	1076.5	1143.0	1206.8	1278.2	1361.5	1454.4	1557.3	1679.6	1842.4
-25°	856.2	958.1	1054.4	1128.6	1192.0	1260.1	1337.4	1425.3	1519.9	1625.5	1758.7
-27.5°	834.9	932.2	1030.9	1111.6	1174.3	1239.2	1313.3	1395.9	1476.3	1565.1	1673.9
-30°	811.6	907.2	1007.3	1090.2	1153.7	1217.5	1286.6	1354.5	1428.1	1509.2	1603.0
-32.5°	787.7	880.1	979.0	1062.8	1130.2	1192.6	1251.4	1312.5	1378.7	1451.7	1531.6
-35°	763.3	852.4	946.6	1036.1	1103.8	1162.2	1215.6	1269.5	1327.4	1393.7	1463.6
-37.5°	738.2	822.0	911.9	1004.4	1074.9	1128.5	1178.3	1228.0	1279.6	1333.9	1397.3
-40°	710.9	788.9	875.5	964.2	1042.1	1093.7	1141.9	1186.5	1232.5	1282.9	1333.9
-42.5°	681.7	756.6	836.7	921.1	997.5	1057.0	1105.1	1147.2	1187.2	1231.6	1278.3
-45°	652.0	722.1	795.7	874.9	949.9	1014.9	1064.5	1108.4	1143.1	1180.0	1222.0
-47.5°	620.9	686.1	755.4	827.7	900.9	966.5	1021.0	1061.9	1097.9	1130.7	1164.2
-50°	587.9	650.6	712.0	779.6	849.6	916.0	972.9	1013.0	1047.8	1079.7	1110.1
-52.5°	551.5	613.9	669.2	728.6	794.9	861.1	917.3	960.9	995.4	1026.2	1057.8
-55°	513.4	571.7	624.5	677.6	735.5	799.4	855.9	900.8	941.9	971.6	1004.0
-57.5°	473.4	526.0	575.7	625.5	676.5	730.9	786.1	835.8	876.1	911.9	945.8
-60°	432.1	479.0	523.9	569.8	616.4	664.3	714.4	763.1	806.3	843.5	874.4
-62.5°	389.8	431.5	471.6	511.7	553.5	596.0	639.5	685.2	732.5	766.5	795.9
-65°	345.8	383.1	419.4	454.8	489.2	527.6	565.2	601.5	641.2	678.0	710.0
-67.5°	300.6	333.9	366.4	398.1	428.9	460.4	492.2	524.7	556.0	586.0	615.1
-70°	258.2	284.7	312.8	340.7	367.9	394.1	420.9	447.9	475.1	501.5	526.7
-72.5°	215.9	238.9	261.2	282.9	306.9	330.5	352.1	371.8	394.1	418.7	441.2
-75°	176.1	193.0	211.5	229.8	248.9	268.3	287.1	305.2	322.8	340.9	359.0
-77.5°	138.3	153.1	166.6	178.9	192.3	208.4	224.0	239.0	253.3	267.0	280.0
-80°	101.5	113.1	124.8	135.6	146.1	156.5	166.4	176.0	185.2	195.1	205.5
-82.5°	66.9	75.6	84.0	92.3	100.3	108.0	115.5	122.7	129.6	136.1	142.4
-85°	35.0	37.9	43.5	49.0	54.3	59.5	64.4	69.2	73.8	78.2	82.3
-87.5°	17.5	18.9	20.4	21.7	23.1	24.4	25.6	26.8	27.9	29.0	30.1
-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: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-MR-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°	31.0	32.0	32.8	33.6	34.3	35.0	35.6	36.1	36.6	37.0	37.3
85°	86.2	89.9	93.3	96.5	99.5	100.2	100.5	100.3	99.8	101.1	102.3
82.5°	148.2	154.9	161.6	168.3	174.8	177.2	178.9	180.2	180.9	183.5	185.7
80°	215.3	225.8	235.5	244.2	251.9	257.5	262.5	267.1	271.3	273.3	274.2
77.5°	293.1	305.9	317.8	328.9	339.1	347.2	353.7	358.9	363.0	365.6	367.3
75°	377.0	393.1	407.5	420.8	433.1	441.7	447.6	452.0	454.9	458.1	460.6
72.5°	461.7	480.0	497.1	513.1	527.2	537.1	544.0	549.6	553.9	557.0	558.6
70°	550.7	572.6	591.4	607.5	620.2	629.7	637.1	643.2	647.8	650.9	652.6
67.5°	642.8	666.3	683.9	697.9	709.4	719.5	728.7	735.6	740.1	744.7	749.5
65°	736.7	760.6	778.7	793.6	805.6	818.6	830.6	839.4	845.3	850.7	856.1
62.5°	825.0	852.1	873.0	892.5	912.2	930.9	941.7	950.1	956.0	961.3	967.5
60°	905.3	935.9	961.5	985.1	1009.3	1033.5	1043.5	1051.3	1058.7	1065.7	1072.0
57.5°	976.5	1009.1	1040.1	1063.5	1086.6	1109.3	1124.9	1133.5	1139.3	1142.4	1145.1
55°	1038.6	1071.0	1102.0	1129.0	1154.1	1177.3	1194.7	1203.1	1209.3	1213.3	1215.7
52.5°	1094.1	1128.9	1162.1	1191.9	1219.0	1244.1	1265.8	1277.4	1286.7	1293.3	1295.5
50°	1148.6	1186.3	1222.2	1254.1	1285.6	1315.7	1343.4	1359.3	1370.6	1377.5	1379.7
47.5°	1205.6	1246.5	1285.3	1322.4	1358.1	1393.8	1426.6	1448.4	1464.6	1476.5	1485.0
45°	1264.9	1308.9	1351.8	1395.6	1436.7	1482.6	1524.1	1556.0	1579.5	1599.9	1616.2
42.5°	1324.6	1374.0	1423.3	1479.7	1535.8	1588.0	1637.4	1679.7	1718.2	1755.9	1785.3
40°	1389.5	1443.6	1511.0	1577.8	1647.1	1707.9	1779.9	1844.4	1903.6	1967.6	2020.5
37.5°	1460.4	1529.9	1609.8	1689.9	1779.9	1867.2	1967.9	2067.0	2153.2	2265.2	2355.1
35°	1537.7	1625.8	1720.1	1827.5	1943.6	2080.6	2221.5	2386.7	2526.9	2704.9	2869.3
32.5°	1623.7	1727.4	1849.7	1997.4	2154.1	2374.1	2580.5	2860.5	3100.0	3408.9	3746.3
30°	1711.3	1845.1	2011.6	2202.4	2467.4	2779.6	3143.6	3617.1	4129.3	4659.2	5372.5
27.5°	1815.0	1988.8	2196.7	2491.3	2887.8	3320.0	4061.5	4862.2	5977.7	6860.8	8433.6
25°	1926.8	2141.9	2449.0	2876.0	3423.8	4298.5	5550.2	6999.7	9231.8	11217.2	13499.0
22.5°	2059.1	2351.4	2757.9	3317.1	4272.0	5776.8	7730.7	10707.3	14016.3	17282.1	20267.0
20°	2199.4	2552.3	3120.8	4031.5	5507.5	7683.3	11169.4	15422.7	19815.5	24291.2	28063.0
17.5°	2363.0	2842.3	3591.1	4800.8	6906.5	10631.7	15288.0	20696.3	26435.4	32146.5	37107.4
15°	2503.7	3095.8	4104.3	5916.1	9056.2	13715.7	19438.5	26269.1	33486.1	40898.0	48931.0
12.5°	2683.0	3401.4	4632.9	6838.2	10963.5	17019.8	24022.0	31952.5	40765.5	50606.7	63130.1
10°	2847.7	3721.9	5328.3	8315.6	13256.1	20106.2	27981.2	36978.7	48409.8	63198.6	78305.0
7.5°	2979.5	3976.0	5867.6	9468.4	15178.8	22742.8	31546.1	42333.6	56595.0	74205.0	91465.0
5°	3071.3	4152.1	6253.4	10339.5	16725.5	24757.8	34076.0	46281.1	63494.1	83214.3	100837.9
2.5°	3128.9	4248.5	6442.3	10856.7	17734.2	25970.4	35654.4	48789.9	67722.5	88949.4	106792.6
0°	3156.2	4265.2	6321.9	11108.4	17875.8	25884.8	35798.9	49627.5	68725.9	90506.7	108278.2
-2.5°	3128.9	4248.5	6442.3	10856.7	17734.2	25970.4	35654.4	48789.9	67722.5	88949.4	106792.6
-5°	3071.3	4152.1	6253.4	10339.5	16725.5	24757.8	34076.0	46281.1	63494.1	83214.3	100837.9
-7.5°	2979.5	3976.0	5867.6	9468.4	15178.8	22742.8	31546.1	42333.6	56595.0	74205.0	91465.0
-10°	2847.7	3721.9	5328.3	8315.6	13256.1	20106.2	27981.2	36978.7	48409.8	63198.6	78305.0
-12.5°	2683.0	3401.4	4632.9	6838.2	10963.5	17019.8	24022.0	31952.5	40765.5	50606.7	63130.1
-15°	2503.7	3095.8	4104.3	5916.1	9056.2	13715.7	19438.5	26269.1	33486.1	40898.0	48931.0
-17.5°	2363.0	2842.3	3591.1	4800.8	6906.5	10631.7	15288.0	20696.3	26435.4	32146.5	37107.4
-20°	2199.4	2552.3	3120.8	4031.5	5507.5	7683.3	11169.4	15422.7	19815.5	24291.2	28063.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2059.1	2351.4	2757.9	3317.1	4272.0	5776.8	7730.7	10707.3	14016.3	17282.1	20267.0
-25°	1926.8	2141.9	2449.0	2876.0	3423.8	4298.5	5550.2	6999.7	9231.8	11217.2	13499.0
-27.5°	1815.0	1988.8	2196.7	2491.3	2887.8	3320.0	4061.5	4862.2	5977.7	6860.8	8433.6
-30°	1711.3	1845.1	2011.6	2202.4	2467.4	2779.6	3143.6	3617.1	4129.3	4659.2	5372.5
-32.5°	1623.7	1727.4	1849.7	1997.4	2154.1	2374.1	2580.5	2860.5	3100.0	3408.9	3746.3
-35°	1537.7	1625.8	1720.1	1827.5	1943.6	2080.6	2221.5	2386.7	2526.9	2704.9	2869.3
-37.5°	1460.4	1529.9	1609.8	1689.9	1779.9	1867.2	1967.9	2067.0	2153.2	2265.2	2355.1
-40°	1389.5	1443.6	1511.0	1577.8	1647.1	1707.9	1779.9	1844.4	1903.6	1967.6	2020.5
-42.5°	1324.6	1374.0	1423.3	1479.7	1535.8	1588.0	1637.4	1679.7	1718.2	1755.9	1785.3
-45°	1264.9	1308.9	1351.8	1395.6	1436.7	1482.6	1524.1	1556.0	1579.5	1599.9	1616.2
-47.5°	1205.6	1246.5	1285.3	1322.4	1358.1	1393.8	1426.6	1448.4	1464.6	1476.5	1485.0
-50°	1148.6	1186.3	1222.2	1254.1	1285.6	1315.7	1343.4	1359.3	1370.6	1377.5	1379.7
-52.5°	1094.1	1128.9	1162.1	1191.9	1219.0	1244.1	1265.8	1277.4	1286.7	1293.3	1295.5
-55°	1038.6	1071.0	1102.0	1129.0	1154.1	1177.3	1194.7	1203.1	1209.3	1213.3	1215.7
-57.5°	976.5	1009.1	1040.1	1063.5	1086.6	1109.3	1124.9	1133.5	1139.3	1142.4	1145.1
-60°	905.3	935.9	961.5	985.1	1009.3	1033.5	1043.5	1051.3	1058.7	1065.7	1072.0
-62.5°	825.0	852.1	873.0	892.5	912.2	930.9	941.7	950.1	956.0	961.3	967.5
-65°	736.7	760.6	778.7	793.6	805.6	818.6	830.6	839.4	845.3	850.7	856.1
-67.5°	642.8	666.3	683.9	697.9	709.4	719.5	728.7	735.6	740.1	744.7	749.5
-70°	550.7	572.6	591.4	607.5	620.2	629.7	637.1	643.2	647.8	650.9	652.6
-72.5°	461.7	480.0	497.1	513.1	527.2	537.1	544.0	549.6	553.9	557.0	558.6
-75°	377.0	393.1	407.5	420.8	433.1	441.7	447.6	452.0	454.9	458.1	460.6
-77.5°	293.1	305.9	317.8	328.9	339.1	347.2	353.7	358.9	363.0	365.6	367.3
-80°	215.3	225.8	235.5	244.2	251.9	257.5	262.5	267.1	271.3	273.3	274.2
-82.5°	148.2	154.9	161.6	168.3	174.8	177.2	178.9	180.2	180.9	183.5	185.7
-85°	86.2	89.9	93.3	96.5	99.5	100.2	100.5	100.3	99.8	101.1	102.3
-87.5°	31.0	32.0	32.8	33.6	34.3	35.0	35.6	36.1	36.6	37.0	37.3
-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: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MR-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°	37.6	37.8	37.9	37.9	37.9	37.8	37.6	37.3	37.0	36.6	36.1
85°	103.2	103.8	104.2	104.3	104.2	103.8	103.2	102.3	101.1	99.8	100.3
82.5°	187.4	188.6	189.4	189.6	189.4	188.6	187.4	185.7	183.5	180.9	180.2
80°	274.3	273.7	274.6	274.9	274.6	273.7	274.3	274.2	273.3	271.3	267.1
77.5°	368.0	367.9	369.1	369.6	369.1	367.9	368.0	367.3	365.6	363.0	358.9
75°	462.0	462.4	463.8	464.4	463.8	462.4	462.0	460.6	458.1	454.9	452.0
72.5°	558.6	557.0	558.5	559.2	558.5	557.0	558.6	558.6	557.0	553.9	549.6
70°	652.9	651.6	657.7	663.5	657.7	651.6	652.9	652.6	650.9	647.8	643.2
67.5°	753.0	754.9	761.7	767.7	761.7	754.9	753.0	749.5	744.7	740.1	735.6
65°	858.9	859.2	865.7	872.0	865.7	859.2	858.9	856.1	850.7	845.3	839.4
62.5°	971.1	972.2	979.1	985.7	979.1	972.2	971.1	967.5	961.3	956.0	950.1
60°	1075.6	1076.7	1079.2	1080.5	1079.2	1076.7	1075.6	1072.0	1065.7	1058.7	1051.3
57.5°	1145.9	1145.0	1146.0	1146.9	1146.0	1145.0	1145.9	1145.1	1142.4	1139.3	1133.5
55°	1215.3	1212.2	1208.5	1203.7	1208.5	1212.2	1215.3	1215.7	1213.3	1209.3	1203.1
52.5°	1293.8	1288.8	1284.2	1279.5	1284.2	1288.8	1293.8	1295.5	1293.3	1286.7	1277.4
50°	1378.3	1373.8	1369.5	1364.9	1369.5	1373.8	1378.3	1379.7	1377.5	1370.6	1359.3
47.5°	1490.9	1492.8	1492.0	1488.1	1492.0	1492.8	1490.9	1485.0	1476.5	1464.6	1448.4
45°	1627.7	1633.2	1633.8	1630.2	1633.8	1633.2	1627.7	1616.2	1599.9	1579.5	1556.0
42.5°	1806.1	1818.1	1824.7	1829.3	1824.7	1818.1	1806.1	1785.3	1755.9	1718.2	1679.7
40°	2059.0	2083.5	2099.0	2113.6	2099.0	2083.5	2059.0	2020.5	1967.6	1903.6	1844.4
37.5°	2421.7	2466.2	2486.0	2473.8	2486.0	2466.2	2421.7	2355.1	2265.2	2153.2	2067.0
35°	2995.8	3080.3	3124.2	3127.8	3124.2	3080.3	2995.8	2869.3	2704.9	2526.9	2386.7
32.5°	3995.6	4168.6	4261.6	4274.6	4261.6	4168.6	3995.6	3746.3	3408.9	3100.0	2860.5
30°	5918.6	6271.4	6437.1	6397.7	6437.1	6271.4	5918.6	5372.5	4659.2	4129.3	3617.1
27.5°	9656.3	10536.1	11057.4	11098.9	11057.4	10536.1	9656.3	8433.6	6860.8	5977.7	4862.2
25°	15519.9	17021.8	17983.5	17999.0	17983.5	17021.8	15519.9	13499.0	11217.2	9231.8	6999.7
22.5°	23027.2	25077.3	26200.5	26396.6	26200.5	25077.3	23027.2	20267.0	17282.1	14016.3	10707.3
20°	31724.7	34451.9	35910.9	35912.6	35910.9	34451.9	31724.7	28063.0	24291.2	19815.5	15422.7
17.5°	42436.1	46864.3	49644.1	50840.7	49644.1	46864.3	42436.1	37107.4	32146.5	26435.4	20696.3
15°	56666.2	64107.7	68566.9	69370.4	68566.9	64107.7	56666.2	48931.0	40898.0	33486.1	26269.1
12.5°	73993.2	83410.5	89740.9	92061.1	89740.9	83410.5	73993.2	63130.1	50606.7	40765.5	31952.5
10°	92083.9	100809.7	107591.5	109870.5	107591.5	100809.7	92083.9	78305.0	63198.6	48409.8	36978.7
7.5°	105153.1	115558.2	123197.4	126552.0	123197.4	115558.2	105153.1	91465.0	74205.0	56595.0	42333.6
5°	115469.9	127781.7	134892.9	138049.0	134892.9	127781.7	115469.9	100837.9	83214.3	63494.1	46281.1
2.5°	122238.9	134404.1	141934.6	144844.8	141934.6	134404.1	122238.9	106792.6	88949.4	67722.5	48789.9
0°	124770.1	136665.2	144105.5	147659.8	144105.5	136665.2	124770.1	108278.2	90506.7	68725.9	49627.5
-2.5°	122238.9	134404.1	141934.6	144844.8	141934.6	134404.1	122238.9	106792.6	88949.4	67722.5	48789.9
-5°	115469.9	127781.7	134892.9	138049.0	134892.9	127781.7	115469.9	100837.9	83214.3	63494.1	46281.1
-7.5°	105153.1	115558.2	123197.4	126552.0	123197.4	115558.2	105153.1	91465.0	74205.0	56595.0	42333.6
-10°	92083.9	100809.7	107591.5	109870.5	107591.5	100809.7	92083.9	78305.0	63198.6	48409.8	36978.7
-12.5°	73993.2	83410.5	89740.9	92061.1	89740.9	83410.5	73993.2	63130.1	50606.7	40765.5	31952.5
-15°	56666.2	64107.7	68566.9	69370.4	68566.9	64107.7	56666.2	48931.0	40898.0	33486.1	26269.1
-17.5°	42436.1	46864.3	49644.1	50840.7	49644.1	46864.3	42436.1	37107.4	32146.5	26435.4	20696.3
-20°	31724.7	34451.9	35910.9	35912.6	35910.9	34451.9	31724.7	28063.0	24291.2	19815.5	15422.7



REPORT NUMBER: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	23027.2	25077.3	26200.5	26396.6	26200.5	25077.3	23027.2	20267.0	17282.1	14016.3	10707.3
-25°	15519.9	17021.8	17983.5	17999.0	17983.5	17021.8	15519.9	13499.0	11217.2	9231.8	6999.7
-27.5°	9656.3	10536.1	11057.4	11098.9	11057.4	10536.1	9656.3	8433.6	6860.8	5977.7	4862.2
-30°	5918.6	6271.4	6437.1	6397.7	6437.1	6271.4	5918.6	5372.5	4659.2	4129.3	3617.1
-32.5°	3995.6	4168.6	4261.6	4274.6	4261.6	4168.6	3995.6	3746.3	3408.9	3100.0	2860.5
-35°	2995.8	3080.3	3124.2	3127.8	3124.2	3080.3	2995.8	2869.3	2704.9	2526.9	2386.7
-37.5°	2421.7	2466.2	2486.0	2473.8	2486.0	2466.2	2421.7	2355.1	2265.2	2153.2	2067.0
-40°	2059.0	2083.5	2099.0	2113.6	2099.0	2083.5	2059.0	2020.5	1967.6	1903.6	1844.4
-42.5°	1806.1	1818.1	1824.7	1829.3	1824.7	1818.1	1806.1	1785.3	1755.9	1718.2	1679.7
-45°	1627.7	1633.2	1633.8	1630.2	1633.8	1633.2	1627.7	1616.2	1599.9	1579.5	1556.0
-47.5°	1490.9	1492.8	1492.0	1488.1	1492.0	1492.8	1490.9	1485.0	1476.5	1464.6	1448.4
-50°	1378.3	1373.8	1369.5	1364.9	1369.5	1373.8	1378.3	1379.7	1377.5	1370.6	1359.3
-52.5°	1293.8	1288.8	1284.2	1279.5	1284.2	1288.8	1293.8	1295.5	1293.3	1286.7	1277.4
-55°	1215.3	1212.2	1208.5	1203.7	1208.5	1212.2	1215.3	1215.7	1213.3	1209.3	1203.1
-57.5°	1145.9	1145.0	1146.0	1146.9	1146.0	1145.0	1145.9	1145.1	1142.4	1139.3	1133.5
-60°	1075.6	1076.7	1079.2	1080.5	1079.2	1076.7	1075.6	1072.0	1065.7	1058.7	1051.3
-62.5°	971.1	972.2	979.1	985.7	979.1	972.2	971.1	967.5	961.3	956.0	950.1
-65°	858.9	859.2	865.7	872.0	865.7	859.2	858.9	856.1	850.7	845.3	839.4
-67.5°	753.0	754.9	761.7	767.7	761.7	754.9	753.0	749.5	744.7	740.1	735.6
-70°	652.9	651.6	657.7	663.5	657.7	651.6	652.9	652.6	650.9	647.8	643.2
-72.5°	558.6	557.0	558.5	559.2	558.5	557.0	558.6	558.6	557.0	553.9	549.6
-75°	462.0	462.4	463.8	464.4	463.8	462.4	462.0	460.6	458.1	454.9	452.0
-77.5°	368.0	367.9	369.1	369.6	369.1	367.9	368.0	367.3	365.6	363.0	358.9
-80°	274.3	273.7	274.6	274.9	274.6	273.7	274.3	274.2	273.3	271.3	267.1
-82.5°	187.4	188.6	189.4	189.6	189.4	188.6	187.4	185.7	183.5	180.9	180.2
-85°	103.2	103.8	104.2	104.3	104.2	103.8	103.2	102.3	101.1	99.8	100.3
-87.5°	37.6	37.8	37.9	37.9	37.9	37.8	37.6	37.3	37.0	36.6	36.1
-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: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MR-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°	35.6	35.0	34.3	33.6	32.8	32.0	31.0	30.1	29.0	27.9	26.8
85°	100.5	100.2	99.5	96.5	93.3	89.9	86.2	82.3	78.2	73.8	69.2
82.5°	178.9	177.2	174.8	168.3	161.6	154.9	148.2	142.4	136.1	129.6	122.7
80°	262.5	257.5	251.9	244.2	235.5	225.8	215.3	205.5	195.1	185.2	176.0
77.5°	353.7	347.2	339.1	328.9	317.8	305.9	293.1	280.0	267.0	253.3	239.0
75°	447.6	441.7	433.1	420.8	407.5	393.1	377.0	359.0	340.9	322.8	305.2
72.5°	544.0	537.1	527.2	513.1	497.1	480.0	461.7	441.2	418.7	394.1	371.8
70°	637.1	629.7	620.2	607.5	591.4	572.6	550.7	526.7	501.5	475.1	447.9
67.5°	728.7	719.5	709.4	697.9	683.9	666.3	642.8	615.1	586.0	556.0	524.7
65°	830.6	818.6	805.6	793.6	778.7	760.6	736.7	710.0	678.0	641.2	601.5
62.5°	941.7	930.9	912.2	892.5	873.0	852.1	825.0	795.9	766.5	732.5	685.2
60°	1043.5	1033.5	1009.3	985.1	961.5	935.9	905.3	874.4	843.5	806.3	763.1
57.5°	1124.9	1109.3	1086.6	1063.5	1040.1	1009.1	976.5	945.8	911.9	876.1	835.8
55°	1194.7	1177.3	1154.1	1129.0	1102.0	1071.0	1038.6	1004.0	971.6	941.9	900.8
52.5°	1265.8	1244.1	1219.0	1191.9	1162.1	1128.9	1094.1	1057.8	1026.2	995.4	960.9
50°	1343.4	1315.7	1285.6	1254.1	1222.2	1186.3	1148.6	1110.1	1079.7	1047.8	1013.0
47.5°	1426.6	1393.8	1358.1	1322.4	1285.3	1246.5	1205.6	1164.2	1130.7	1097.9	1061.9
45°	1524.1	1482.6	1436.7	1395.6	1351.8	1308.9	1264.9	1222.0	1180.0	1143.1	1108.4
42.5°	1637.4	1588.0	1535.8	1479.7	1423.3	1374.0	1324.6	1278.3	1231.6	1187.2	1147.2
40°	1779.9	1707.9	1647.1	1577.8	1511.0	1443.6	1389.5	1333.9	1282.9	1232.5	1186.5
37.5°	1967.9	1867.2	1779.9	1689.9	1609.8	1529.9	1460.4	1397.3	1333.9	1279.6	1228.0
35°	2221.5	2080.6	1943.6	1827.5	1720.1	1625.8	1537.7	1463.6	1393.7	1327.4	1269.5
32.5°	2580.5	2374.1	2154.1	1997.4	1849.7	1727.4	1623.7	1531.6	1451.7	1378.7	1312.5
30°	3143.6	2779.6	2467.4	2202.4	2011.6	1845.1	1711.3	1603.0	1509.2	1428.1	1354.5
27.5°	4061.5	3320.0	2887.8	2491.3	2196.7	1988.8	1815.0	1673.9	1565.1	1476.3	1395.9
25°	5550.2	4298.5	3423.8	2876.0	2449.0	2141.9	1926.8	1758.7	1625.5	1519.9	1425.3
22.5°	7730.7	5776.8	4272.0	3317.1	2757.9	2351.4	2059.1	1842.4	1679.6	1557.3	1454.4
20°	11169.4	7683.3	5507.5	4031.5	3120.8	2552.3	2199.4	1940.5	1745.9	1597.6	1480.1
17.5°	15288.0	10631.7	6906.5	4800.8	3591.1	2842.3	2363.0	2034.7	1804.4	1633.9	1501.8
15°	19438.5	13715.7	9056.2	5916.1	4104.3	3095.8	2503.7	2116.1	1861.6	1673.8	1529.1
12.5°	24022.0	17019.8	10963.5	6838.2	4632.9	3401.4	2683.0	2225.7	1924.1	1713.6	1555.4
10°	27981.2	20106.2	13256.1	8315.6	5328.3	3721.9	2847.7	2319.6	1976.3	1745.7	1575.9
7.5°	31546.1	22742.8	15178.8	9468.4	5867.6	3976.0	2979.5	2394.5	2015.5	1769.3	1590.5
5°	34076.0	24757.8	16725.5	10339.5	6253.4	4152.1	3071.3	2447.4	2041.3	1784.0	1598.9
2.5°	35654.4	25970.4	17734.2	10856.7	6442.3	4248.5	3128.9	2477.5	2063.2	1800.4	1603.5
0°	35798.9	25884.8	17875.8	11108.4	6321.9	4265.2	3156.2	2483.3	2075.7	1810.3	1601.8
-2.5°	35654.4	25970.4	17734.2	10856.7	6442.3	4248.5	3128.9	2477.5	2063.2	1800.4	1603.5
-5°	34076.0	24757.8	16725.5	10339.5	6253.4	4152.1	3071.3	2447.4	2041.3	1784.0	1598.9
-7.5°	31546.1	22742.8	15178.8	9468.4	5867.6	3976.0	2979.5	2394.5	2015.5	1769.3	1590.5
-10°	27981.2	20106.2	13256.1	8315.6	5328.3	3721.9	2847.7	2319.6	1976.3	1745.7	1575.9
-12.5°	24022.0	17019.8	10963.5	6838.2	4632.9	3401.4	2683.0	2225.7	1924.1	1713.6	1555.4
-15°	19438.5	13715.7	9056.2	5916.1	4104.3	3095.8	2503.7	2116.1	1861.6	1673.8	1529.1
-17.5°	15288.0	10631.7	6906.5	4800.8	3591.1	2842.3	2363.0	2034.7	1804.4	1633.9	1501.8
-20°	11169.4	7683.3	5507.5	4031.5	3120.8	2552.3	2199.4	1940.5	1745.9	1597.6	1480.1



REPORT NUMBER: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7730.7	5776.8	4272.0	3317.1	2757.9	2351.4	2059.1	1842.4	1679.6	1557.3	1454.4
-25°	5550.2	4298.5	3423.8	2876.0	2449.0	2141.9	1926.8	1758.7	1625.5	1519.9	1425.3
-27.5°	4061.5	3320.0	2887.8	2491.3	2196.7	1988.8	1815.0	1673.9	1565.1	1476.3	1395.9
-30°	3143.6	2779.6	2467.4	2202.4	2011.6	1845.1	1711.3	1603.0	1509.2	1428.1	1354.5
-32.5°	2580.5	2374.1	2154.1	1997.4	1849.7	1727.4	1623.7	1531.6	1451.7	1378.7	1312.5
-35°	2221.5	2080.6	1943.6	1827.5	1720.1	1625.8	1537.7	1463.6	1393.7	1327.4	1269.5
-37.5°	1967.9	1867.2	1779.9	1689.9	1609.8	1529.9	1460.4	1397.3	1333.9	1279.6	1228.0
-40°	1779.9	1707.9	1647.1	1577.8	1511.0	1443.6	1389.5	1333.9	1282.9	1232.5	1186.5
-42.5°	1637.4	1588.0	1535.8	1479.7	1423.3	1374.0	1324.6	1278.3	1231.6	1187.2	1147.2
-45°	1524.1	1482.6	1436.7	1395.6	1351.8	1308.9	1264.9	1222.0	1180.0	1143.1	1108.4
-47.5°	1426.6	1393.8	1358.1	1322.4	1285.3	1246.5	1205.6	1164.2	1130.7	1097.9	1061.9
-50°	1343.4	1315.7	1285.6	1254.1	1222.2	1186.3	1148.6	1110.1	1079.7	1047.8	1013.0
-52.5°	1265.8	1244.1	1219.0	1191.9	1162.1	1128.9	1094.1	1057.8	1026.2	995.4	960.9
-55°	1194.7	1177.3	1154.1	1129.0	1102.0	1071.0	1038.6	1004.0	971.6	941.9	900.8
-57.5°	1124.9	1109.3	1086.6	1063.5	1040.1	1009.1	976.5	945.8	911.9	876.1	835.8
-60°	1043.5	1033.5	1009.3	985.1	961.5	935.9	905.3	874.4	843.5	806.3	763.1
-62.5°	941.7	930.9	912.2	892.5	873.0	852.1	825.0	795.9	766.5	732.5	685.2
-65°	830.6	818.6	805.6	793.6	778.7	760.6	736.7	710.0	678.0	641.2	601.5
-67.5°	728.7	719.5	709.4	697.9	683.9	666.3	642.8	615.1	586.0	556.0	524.7
-70°	637.1	629.7	620.2	607.5	591.4	572.6	550.7	526.7	501.5	475.1	447.9
-72.5°	544.0	537.1	527.2	513.1	497.1	480.0	461.7	441.2	418.7	394.1	371.8
-75°	447.6	441.7	433.1	420.8	407.5	393.1	377.0	359.0	340.9	322.8	305.2
-77.5°	353.7	347.2	339.1	328.9	317.8	305.9	293.1	280.0	267.0	253.3	239.0
-80°	262.5	257.5	251.9	244.2	235.5	225.8	215.3	205.5	195.1	185.2	176.0
-82.5°	178.9	177.2	174.8	168.3	161.6	154.9	148.2	142.4	136.1	129.6	122.7
-85°	100.5	100.2	99.5	96.5	93.3	89.9	86.2	82.3	78.2	73.8	69.2
-87.5°	35.6	35.0	34.3	33.6	32.8	32.0	31.0	30.1	29.0	27.9	26.8
-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: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MR-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°	25.6	24.4	23.1	21.7	20.4	18.9	17.5	16.0	14.5	13.0	11.4
85°	64.4	59.5	54.3	49.0	43.5	37.9	35.0	32.0	29.0	25.9	22.8
82.5°	115.5	108.0	100.3	92.3	84.0	75.6	66.9	57.9	48.5	39.6	34.1
80°	166.4	156.5	146.1	135.6	124.8	113.1	101.5	89.5	76.2	63.5	51.4
77.5°	224.0	208.4	192.3	178.9	166.6	153.1	138.3	121.7	103.6	87.2	71.6
75°	287.1	268.3	248.9	229.8	211.5	193.0	176.1	156.7	134.0	111.1	91.5
72.5°	352.1	330.5	306.9	282.9	261.2	238.9	215.9	191.3	165.3	139.0	112.3
70°	420.9	394.1	367.9	340.7	312.8	284.7	258.2	228.5	196.3	166.6	136.5
67.5°	492.2	460.4	428.9	398.1	366.4	333.9	300.6	265.9	230.1	193.8	160.3
65°	565.2	527.6	489.2	454.8	419.4	383.1	345.8	303.6	263.3	223.4	183.7
62.5°	639.5	596.0	553.5	511.7	471.6	431.5	389.8	342.5	296.3	252.4	208.4
60°	714.4	664.3	616.4	569.8	523.9	479.0	432.1	380.2	329.8	280.9	233.3
57.5°	786.1	730.9	676.5	625.5	575.7	526.0	473.4	417.4	362.1	309.1	257.6
55°	855.9	799.4	735.5	677.6	624.5	571.7	513.4	454.1	393.7	336.4	281.2
52.5°	917.3	861.1	794.9	728.6	669.2	613.9	551.5	489.6	425.7	362.7	304.2
50°	972.9	916.0	849.6	779.6	712.0	650.6	587.9	522.5	456.6	388.5	326.4
47.5°	1021.0	966.5	900.9	827.7	755.4	686.1	620.9	553.6	486.4	415.0	347.8
45°	1064.5	1014.9	949.9	874.9	795.7	722.1	652.0	583.0	512.8	440.6	368.3
42.5°	1105.1	1057.0	997.5	921.1	836.7	756.6	681.7	610.1	537.6	464.9	388.8
40°	1141.9	1093.7	1042.1	964.2	875.5	788.9	710.9	635.6	560.8	487.1	408.8
37.5°	1178.3	1128.5	1074.9	1004.4	911.9	822.0	738.2	659.8	583.2	506.9	427.4
35°	1215.6	1162.2	1103.8	1036.1	946.6	852.4	763.3	682.5	604.2	525.5	444.8
32.5°	1251.4	1192.6	1130.2	1062.8	979.0	880.1	787.7	704.6	623.9	542.9	460.9
30°	1286.6	1217.5	1153.7	1090.2	1007.3	907.2	811.6	725.1	642.2	559.0	475.5
27.5°	1313.3	1239.2	1174.3	1111.6	1030.9	932.2	834.9	744.0	659.1	573.9	488.5
25°	1337.4	1260.1	1192.0	1128.6	1054.4	958.1	856.2	761.3	674.4	587.5	500.2
22.5°	1361.5	1278.2	1206.8	1143.0	1076.5	981.4	876.4	778.6	688.3	599.7	510.8
20°	1382.3	1292.8	1219.0	1156.4	1091.2	999.6	895.2	794.0	700.6	610.5	520.2
17.5°	1400.0	1307.8	1231.9	1167.3	1101.4	1014.9	911.7	807.4	711.3	619.9	528.4
15°	1418.1	1323.2	1242.8	1175.7	1110.2	1027.5	925.8	818.8	720.3	627.8	535.9
12.5°	1433.6	1334.6	1251.3	1181.7	1117.6	1037.4	937.4	828.1	727.7	635.3	543.0
10°	1445.7	1342.2	1257.3	1185.5	1123.4	1044.5	946.5	836.8	736.6	642.0	548.8
7.5°	1454.2	1346.0	1260.8	1187.0	1127.5	1050.9	955.4	846.4	744.4	647.2	553.3
5°	1460.0	1347.6	1262.9	1190.6	1129.9	1056.8	961.8	853.8	750.7	651.0	556.6
2.5°	1466.7	1348.3	1263.1	1193.2	1130.0	1060.4	965.6	859.2	755.4	653.2	558.5
0°	1469.1	1345.9	1260.6	1194.2	1127.9	1061.6	966.8	862.5	758.3	654.0	559.2
-2.5°	1466.7	1348.3	1263.1	1193.2	1130.0	1060.4	965.6	859.2	755.4	653.2	558.5
-5°	1460.0	1347.6	1262.9	1190.6	1129.9	1056.8	961.8	853.8	750.7	651.0	556.6
-7.5°	1454.2	1346.0	1260.8	1187.0	1127.5	1050.9	955.4	846.4	744.4	647.2	553.3
-10°	1445.7	1342.2	1257.3	1185.5	1123.4	1044.5	946.5	836.8	736.6	642.0	548.8
-12.5°	1433.6	1334.6	1251.3	1181.7	1117.6	1037.4	937.4	828.1	727.7	635.3	543.0
-15°	1418.1	1323.2	1242.8	1175.7	1110.2	1027.5	925.8	818.8	720.3	627.8	535.9
-17.5°	1400.0	1307.8	1231.9	1167.3	1101.4	1014.9	911.7	807.4	711.3	619.9	528.4
-20°	1382.3	1292.8	1219.0	1156.4	1091.2	999.6	895.2	794.0	700.6	610.5	520.2

Classified

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



REPORT NUMBER: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1361.5	1278.2	1206.8	1143.0	1076.5	981.4	876.4	778.6	688.3	599.7	510.8
-25°	1337.4	1260.1	1192.0	1128.6	1054.4	958.1	856.2	761.3	674.4	587.5	500.2
-27.5°	1313.3	1239.2	1174.3	1111.6	1030.9	932.2	834.9	744.0	659.1	573.9	488.5
-30°	1286.6	1217.5	1153.7	1090.2	1007.3	907.2	811.6	725.1	642.2	559.0	475.5
-32.5°	1251.4	1192.6	1130.2	1062.8	979.0	880.1	787.7	704.6	623.9	542.9	460.9
-35°	1215.6	1162.2	1103.8	1036.1	946.6	852.4	763.3	682.5	604.2	525.5	444.8
-37.5°	1178.3	1128.5	1074.9	1004.4	911.9	822.0	738.2	659.8	583.2	506.9	427.4
-40°	1141.9	1093.7	1042.1	964.2	875.5	788.9	710.9	635.6	560.8	487.1	408.8
-42.5°	1105.1	1057.0	997.5	921.1	836.7	756.6	681.7	610.1	537.6	464.9	388.8
-45°	1064.5	1014.9	949.9	874.9	795.7	722.1	652.0	583.0	512.8	440.6	368.3
-47.5°	1021.0	966.5	900.9	827.7	755.4	686.1	620.9	553.6	486.4	415.0	347.8
-50°	972.9	916.0	849.6	779.6	712.0	650.6	587.9	522.5	456.6	388.5	326.4
-52.5°	917.3	861.1	794.9	728.6	669.2	613.9	551.5	489.6	425.7	362.7	304.2
-55°	855.9	799.4	735.5	677.6	624.5	571.7	513.4	454.1	393.7	336.4	281.2
-57.5°	786.1	730.9	676.5	625.5	575.7	526.0	473.4	417.4	362.1	309.1	257.6
-60°	714.4	664.3	616.4	569.8	523.9	479.0	432.1	380.2	329.8	280.9	233.3
-62.5°	639.5	596.0	553.5	511.7	471.6	431.5	389.8	342.5	296.3	252.4	208.4
-65°	565.2	527.6	489.2	454.8	419.4	383.1	345.8	303.6	263.3	223.4	183.7
-67.5°	492.2	460.4	428.9	398.1	366.4	333.9	300.6	265.9	230.1	193.8	160.3
-70°	420.9	394.1	367.9	340.7	312.8	284.7	258.2	228.5	196.3	166.6	136.5
-72.5°	352.1	330.5	306.9	282.9	261.2	238.9	215.9	191.3	165.3	139.0	112.3
-75°	287.1	268.3	248.9	229.8	211.5	193.0	176.1	156.7	134.0	111.1	91.5
-77.5°	224.0	208.4	192.3	178.9	166.6	153.1	138.3	121.7	103.6	87.2	71.6
-80°	166.4	156.5	146.1	135.6	124.8	113.1	101.5	89.5	76.2	63.5	51.4
-82.5°	115.5	108.0	100.3	92.3	84.0	75.6	66.9	57.9	48.5	39.6	34.1
-85°	64.4	59.5	54.3	49.0	43.5	37.9	35.0	32.0	29.0	25.9	22.8
-87.5°	25.6	24.4	23.1	21.7	20.4	18.9	17.5	16.0	14.5	13.0	11.4
-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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REPORT NUMBER: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MR-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°	9.8	8.2	6.6	4.9	3.3	1.7	0.0
85°	19.6	16.4	13.1	9.9	6.6	3.3	0.0
82.5°	29.3	24.5	19.7	14.8	9.9	4.9	0.0
80°	39.9	32.7	26.2	19.7	13.1	6.6	0.0
77.5°	56.8	42.8	32.7	24.5	16.4	8.2	0.0
75°	73.5	56.8	39.9	29.3	19.6	9.8	0.0
72.5°	90.1	70.6	51.0	34.1	22.8	11.4	0.0
70°	107.0	84.3	61.9	39.5	25.9	13.0	0.0
67.5°	127.6	97.7	72.7	47.5	29.0	14.5	0.0
65°	148.0	112.8	83.3	55.5	32.0	16.0	0.0
62.5°	167.9	129.4	93.6	63.3	35.0	17.5	0.0
60°	187.4	145.7	103.8	70.9	37.9	18.9	0.0
57.5°	207.9	161.6	116.4	78.3	42.8	20.4	0.0
55°	227.9	177.0	128.7	85.5	47.6	21.7	0.0
52.5°	247.1	192.2	140.7	92.5	52.3	23.1	0.0
50°	265.6	207.4	152.4	99.3	56.8	24.4	0.0
47.5°	283.4	222.1	163.6	106.3	61.2	25.6	0.0
45°	301.0	236.0	174.3	114.4	65.3	26.8	0.0
42.5°	317.8	249.2	184.7	122.1	69.4	27.9	0.0
40°	333.8	261.7	194.6	129.4	73.2	29.0	0.0
37.5°	349.0	273.5	204.1	136.2	76.8	30.1	0.0
35°	363.3	285.1	212.9	142.5	80.2	31.0	0.0
32.5°	376.9	296.2	221.2	148.4	83.5	32.0	0.0
30°	389.7	306.6	228.8	153.8	86.5	32.8	0.0
27.5°	401.4	316.2	235.7	158.6	89.3	33.6	0.0
25°	412.0	325.0	242.1	163.0	91.8	34.3	0.0
22.5°	421.4	332.9	248.0	166.9	94.2	35.0	0.0
20°	429.7	339.8	253.4	170.3	96.3	35.6	0.0
17.5°	437.3	345.6	258.3	173.2	98.1	36.1	0.0
15°	444.2	350.6	262.5	175.6	99.8	36.6	0.0
12.5°	450.2	354.5	266.2	177.6	101.1	37.0	0.0
10°	455.2	357.4	269.3	179.0	102.3	37.3	0.0
7.5°	459.1	359.5	271.7	180.0	103.2	37.6	0.0
5°	462.0	360.6	273.5	180.5	103.8	37.8	0.0
2.5°	463.8	360.8	274.5	180.5	104.2	37.9	0.0
0°	464.4	360.2	274.9	180.1	104.3	37.9	0.0
-2.5°	463.8	360.8	274.5	180.5	104.2	37.9	0.0
-5°	462.0	360.6	273.5	180.5	103.8	37.8	0.0
-7.5°	459.1	359.5	271.7	180.0	103.2	37.6	0.0
-10°	455.2	357.4	269.3	179.0	102.3	37.3	0.0
-12.5°	450.2	354.5	266.2	177.6	101.1	37.0	0.0
-15°	444.2	350.6	262.5	175.6	99.8	36.6	0.0
-17.5°	437.3	345.6	258.3	173.2	98.1	36.1	0.0
-20°	429.7	339.8	253.4	170.3	96.3	35.6	0.0

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REPORT NUMBER: P627935 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	421.4	332.9	248.0	166.9	94.2	35.0	0.0
-25°	412.0	325.0	242.1	163.0	91.8	34.3	0.0
-27.5°	401.4	316.2	235.7	158.6	89.3	33.6	0.0
-30°	389.7	306.6	228.8	153.8	86.5	32.8	0.0
-32.5°	376.9	296.2	221.2	148.4	83.5	32.0	0.0
-35°	363.3	285.1	212.9	142.5	80.2	31.0	0.0
-37.5°	349.0	273.5	204.1	136.2	76.8	30.1	0.0
-40°	333.8	261.7	194.6	129.4	73.2	29.0	0.0
-42.5°	317.8	249.2	184.7	122.1	69.4	27.9	0.0
-45°	301.0	236.0	174.3	114.4	65.3	26.8	0.0
-47.5°	283.4	222.1	163.6	106.3	61.2	25.6	0.0
-50°	265.6	207.4	152.4	99.3	56.8	24.4	0.0
-52.5°	247.1	192.2	140.7	92.5	52.3	23.1	0.0
-55°	227.9	177.0	128.7	85.5	47.6	21.7	0.0
-57.5°	207.9	161.6	116.4	78.3	42.8	20.4	0.0
-60°	187.4	145.7	103.8	70.9	37.9	18.9	0.0
-62.5°	167.9	129.4	93.6	63.3	35.0	17.5	0.0
-65°	148.0	112.8	83.3	55.5	32.0	16.0	0.0
-67.5°	127.6	97.7	72.7	47.5	29.0	14.5	0.0
-70°	107.0	84.3	61.9	39.5	25.9	13.0	0.0
-72.5°	90.1	70.6	51.0	34.1	22.8	11.4	0.0
-75°	73.5	56.8	39.9	29.3	19.6	9.8	0.0
-77.5°	56.8	42.8	32.7	24.5	16.4	8.2	0.0
-80°	39.9	32.7	26.2	19.7	13.1	6.6	0.0
-82.5°	29.3	24.5	19.7	14.8	9.9	4.9	0.0
-85°	19.6	16.4	13.1	9.9	6.6	3.3	0.0
-87.5°	9.8	8.2	6.6	4.9	3.3	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)