

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: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-735-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627577 (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-SA5B-735-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N119
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

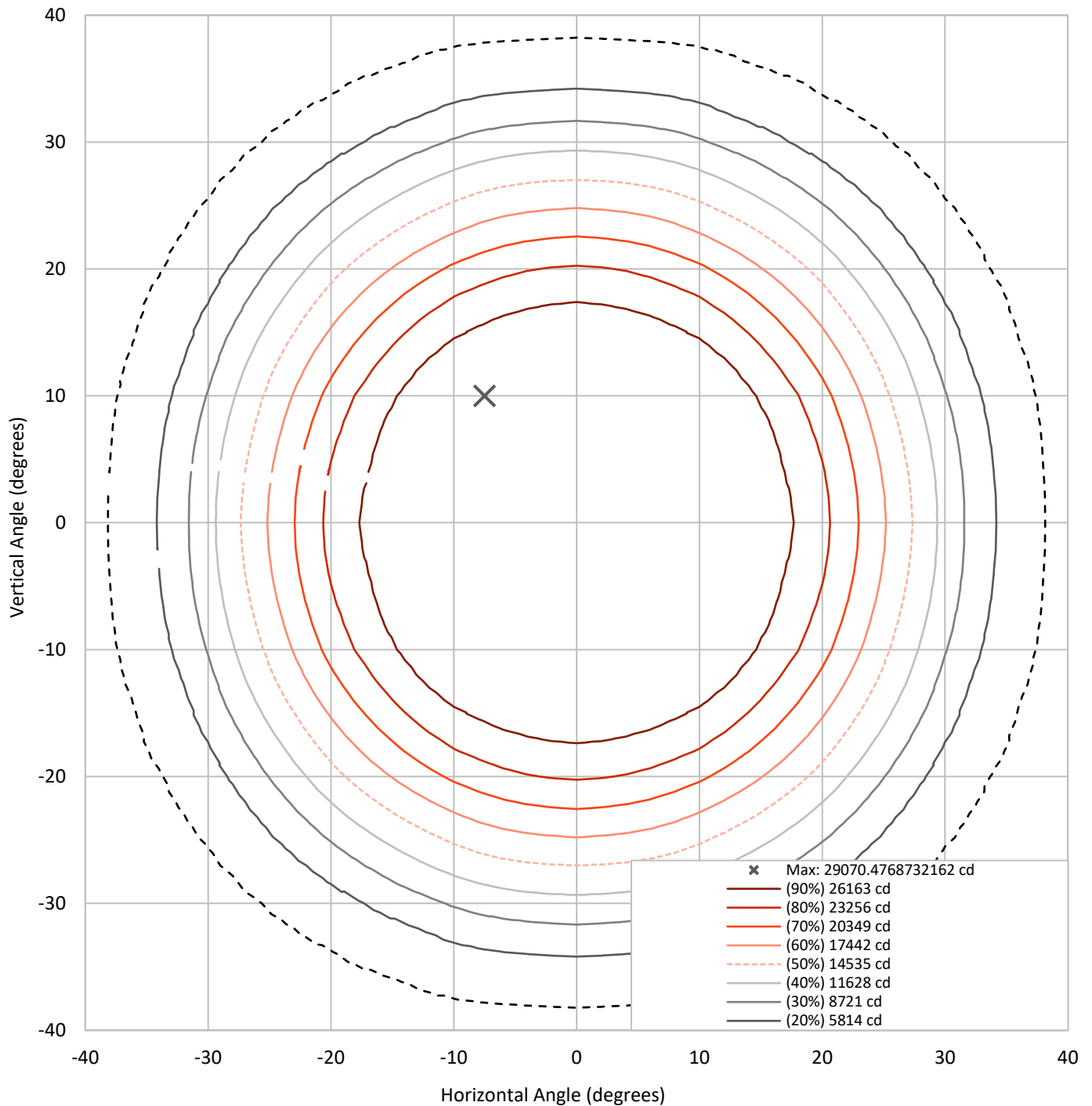
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	24741.7 lumens	Max Intensity:	29070.5 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	155.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	16422.1 lumens	Field Lumens:	21353.4 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





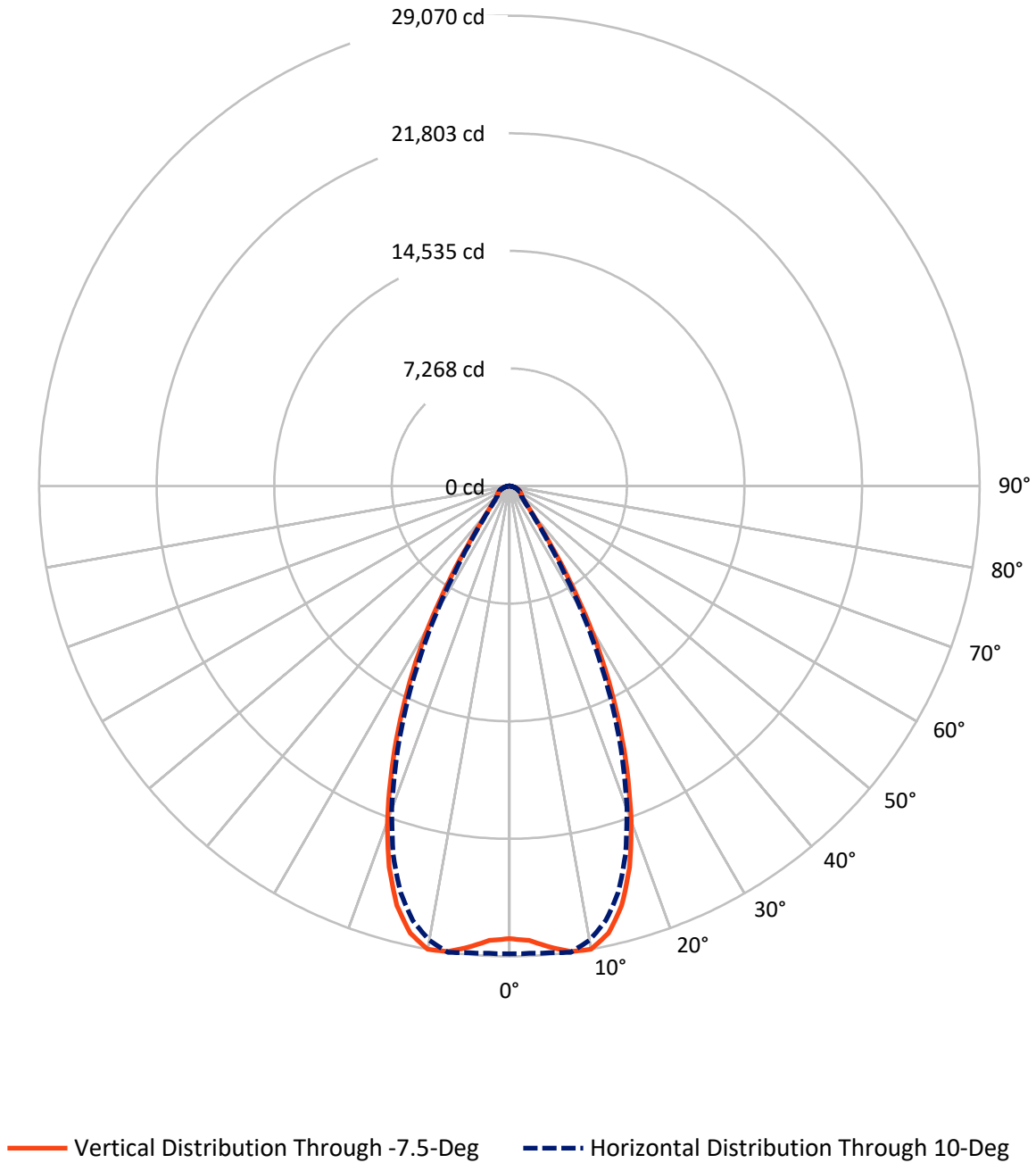
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Lumen Table

90																			
80	0.6	5.8		15.5		24.6		27.4		24.6		15.5		5.8		0.6			
70																			
60	2.6	3.0	6.1	9.9	13.9	16.8	19.0	20.1	20.1	19.0	16.8	13.9	9.9	6.1	3.0	2.6			
50		4.5	8.9	14.3	19.1	23.1	25.8	27.0	27.0	25.8	23.1	19.1	14.3	8.9	4.5				
40	4.6	5.7	11.3	17.3	23.2	30.2	38.0	43.6	43.6	38.0	30.2	23.2	17.3	11.3	5.7	4.6			
30		6.8	13.1	19.9	30.8	56.2	107.6	159.5	159.5	107.6	56.2	30.8	19.9	13.1	6.8				
20	6.0	7.6	14.3	23.3	50.7	158.8	356.3	497.6	497.6	356.3	158.8	50.7	23.3	14.3	7.6	6.0			
10		8.1	15.1	27.6	91.6	338.6	646.6	809.3	809.3	646.6	338.6	91.6	27.6	15.1	8.1				
0	6.5	8.4	15.5	31.1	131.9	463.4	784.4	853.5	853.5	784.4	463.4	131.9	31.1	15.5	8.4	6.5			
-10		8.4	15.5	31.1	131.9	463.4	784.4	853.5	853.5	784.4	463.4	131.9	31.1	15.5	8.4				
-20	6.0	8.1	15.1	27.6	91.6	338.6	646.6	809.3	809.3	646.6	338.6	91.6	27.6	15.1	8.1	6.0			
-30		7.6	14.3	23.3	50.7	158.8	356.3	497.6	497.6	356.3	158.8	50.7	23.3	14.3	7.6				
-40	4.6	6.8	13.1	19.9	30.8	56.2	107.6	159.5	159.5	107.6	56.2	30.8	19.9	13.1	6.8	4.6			
-50		5.7	11.3	17.3	23.2	30.2	38.0	43.6	43.6	38.0	30.2	23.2	17.3	11.3	5.7				
-60	2.6	4.5	8.9	14.3	19.1	23.1	25.8	27.0	27.0	25.8	23.1	19.1	14.3	8.9	4.5	2.6			
-70		3.0	6.1	9.9	13.9	16.8	19.0	20.1	20.1	19.0	16.8	13.9	9.9	6.1	3.0				
-80																			
-90	0.6	5.8		15.5		24.6		27.4		24.6		15.5		5.8		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

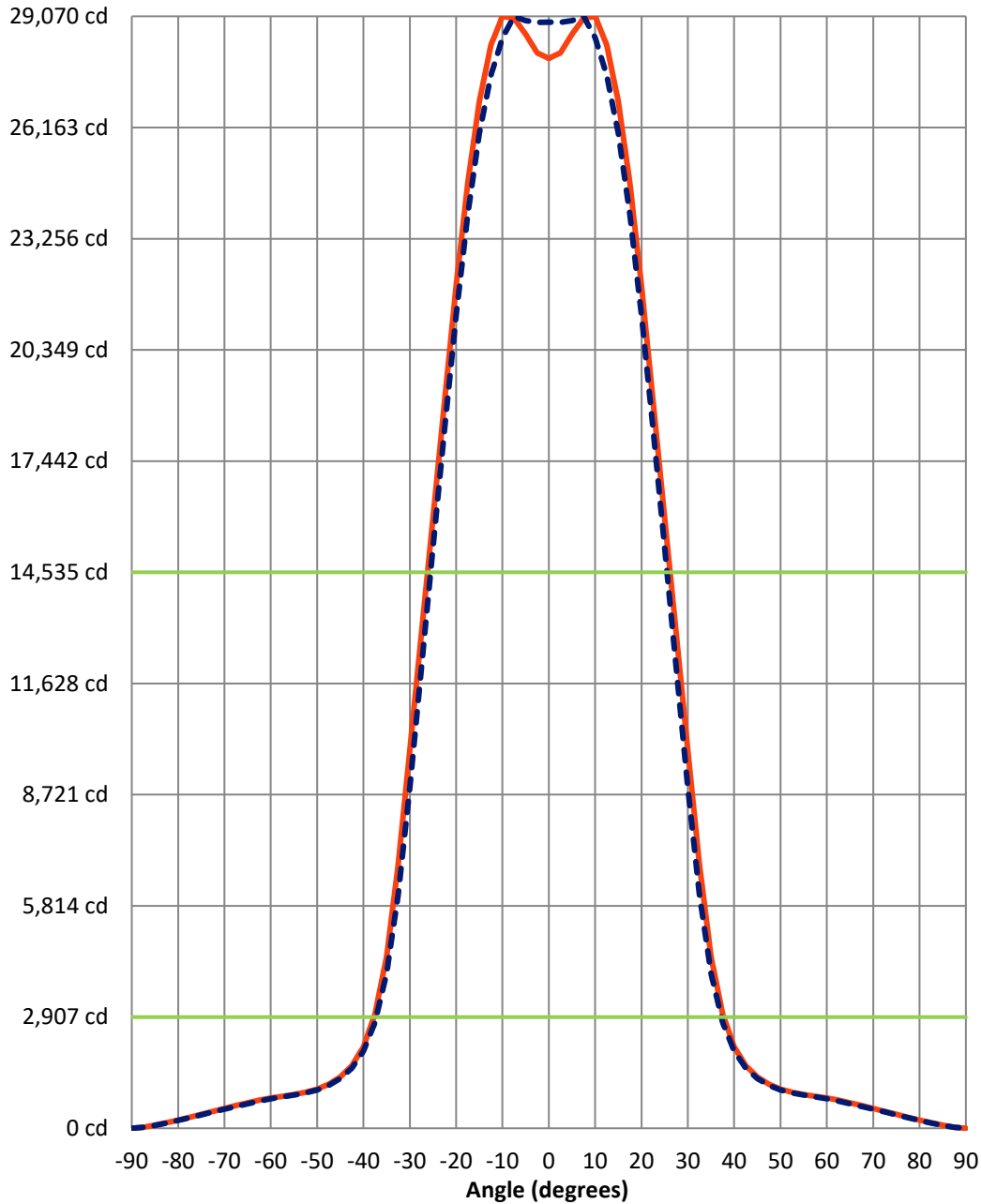
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 16422.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 21353.4
 Efficiency: 86.3%

Spill:
 Lumens: 3388.3
 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	1.1	2.2	3.3	4.4	5.5	6.6	8.0	9.6	11.2	12.9
85°	0.0	2.2	4.4	6.6	8.8	11.0	13.1	16.0	19.1	22.3	25.7
82.5°	0.0	3.3	6.6	9.9	13.2	16.4	19.7	23.9	29.1	36.7	43.9
80°	0.0	4.4	8.8	13.2	17.6	21.9	27.1	37.4	47.2	56.5	65.2
77.5°	0.0	5.5	11.0	16.4	21.9	29.5	41.3	53.5	65.2	76.2	88.0
75°	0.0	6.6	13.1	19.7	27.1	41.3	55.4	69.6	83.5	99.5	115.2
72.5°	0.0	7.6	15.3	22.9	36.4	53.0	69.4	86.4	105.3	123.9	142.2
70°	0.0	8.7	17.4	26.7	45.7	64.5	83.5	105.3	126.8	148.1	170.4
67.5°	0.0	9.7	19.4	33.5	54.7	75.8	99.3	123.9	148.1	173.0	198.4
65°	0.0	10.7	21.4	40.2	63.7	87.8	114.9	142.2	169.5	197.4	227.0
62.5°	0.0	11.7	23.4	46.8	72.4	100.3	130.1	160.3	190.4	222.0	257.7
60°	0.0	12.7	25.4	53.2	81.0	112.5	144.9	177.9	210.8	248.6	287.5
57.5°	0.0	13.6	29.5	59.5	90.3	124.3	159.7	195.1	233.0	274.4	315.7
55°	0.0	14.6	33.5	65.6	99.4	135.7	174.2	211.9	255.0	299.3	342.7
52.5°	0.0	15.5	37.3	71.5	108.1	146.9	188.4	230.3	276.3	322.9	368.9
50°	0.0	16.3	41.0	77.2	116.6	158.5	202.2	248.3	296.7	345.8	394.3
47.5°	0.0	17.2	44.5	82.8	124.7	169.7	215.8	265.6	316.3	367.8	418.9
45°	0.0	18.0	47.9	88.6	132.4	180.6	229.9	282.1	335.2	389.0	442.5
42.5°	0.0	18.7	51.1	94.2	139.8	191.0	243.3	297.7	353.1	409.3	464.8
40°	0.0	19.5	54.2	99.3	147.3	201.0	256.0	312.6	370.3	428.7	486.2
37.5°	0.0	20.1	57.0	104.0	154.9	210.6	268.0	326.5	386.8	447.5	506.9
35°	0.0	20.8	59.7	108.5	162.1	219.8	279.2	339.6	402.6	465.0	526.1
32.5°	0.0	21.4	62.2	112.7	168.9	228.6	289.7	351.7	417.6	481.3	543.1
30°	0.0	22.0	64.5	116.6	175.2	236.8	299.4	363.2	431.7	496.3	558.9
27.5°	0.0	22.5	66.6	120.1	180.9	244.3	308.3	374.4	444.5	510.0	573.5
25°	0.0	23.0	68.5	123.4	186.0	251.2	316.3	384.8	455.7	522.1	586.9
22.5°	0.0	23.5	70.2	126.3	190.7	257.3	323.6	394.4	465.8	532.9	599.0
20°	0.0	23.9	71.7	128.9	194.8	262.4	330.0	403.0	474.7	542.5	609.7
17.5°	0.0	24.2	73.0	131.2	198.4	267.0	335.8	410.6	482.4	551.0	619.2
15°	0.0	24.5	74.1	133.1	201.5	270.8	341.0	417.5	488.9	558.2	627.3
12.5°	0.0	24.8	74.9	134.7	204.0	274.0	345.5	423.6	494.7	564.1	634.0
10°	0.0	25.0	75.6	135.9	206.0	276.6	349.2	428.6	499.8	569.7	639.7
7.5°	0.0	25.2	76.1	136.8	207.5	278.4	352.2	432.5	503.7	574.2	644.7
5°	0.0	25.3	76.4	137.4	208.4	279.6	354.3	435.3	506.5	577.4	648.3
2.5°	0.0	25.4	76.4	137.6	208.8	280.0	355.7	436.9	508.2	579.4	650.5
0°	0.0	25.4	76.3	137.4	208.6	279.8	356.1	437.5	508.8	580.0	651.2
-2.5°	0.0	25.4	76.4	137.6	208.8	280.0	355.7	436.9	508.2	579.4	650.5
-5°	0.0	25.3	76.4	137.4	208.4	279.6	354.3	435.3	506.5	577.4	648.3
-7.5°	0.0	25.2	76.1	136.8	207.5	278.4	352.2	432.5	503.7	574.2	644.7
-10°	0.0	25.0	75.6	135.9	206.0	276.6	349.2	428.6	499.8	569.7	639.7
-12.5°	0.0	24.8	74.9	134.7	204.0	274.0	345.5	423.6	494.7	564.1	634.0
-15°	0.0	24.5	74.1	133.1	201.5	270.8	341.0	417.5	488.9	558.2	627.3
-17.5°	0.0	24.2	73.0	131.2	198.4	267.0	335.8	410.6	482.4	551.0	619.2
-20°	0.0	23.9	71.7	128.9	194.8	262.4	330.0	403.0	474.7	542.5	609.7

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CATALOG NUMBER: GFLD-SA5B-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	23.5	70.2	126.3	190.7	257.3	323.6	394.4	465.8	532.9	599.0
-25°	0.0	23.0	68.5	123.4	186.0	251.2	316.3	384.8	455.7	522.1	586.9
-27.5°	0.0	22.5	66.6	120.1	180.9	244.3	308.3	374.4	444.5	510.0	573.5
-30°	0.0	22.0	64.5	116.6	175.2	236.8	299.4	363.2	431.7	496.3	558.9
-32.5°	0.0	21.4	62.2	112.7	168.9	228.6	289.7	351.7	417.6	481.3	543.1
-35°	0.0	20.8	59.7	108.5	162.1	219.8	279.2	339.6	402.6	465.0	526.1
-37.5°	0.0	20.1	57.0	104.0	154.9	210.6	268.0	326.5	386.8	447.5	506.9
-40°	0.0	19.5	54.2	99.3	147.3	201.0	256.0	312.6	370.3	428.7	486.2
-42.5°	0.0	18.7	51.1	94.2	139.8	191.0	243.3	297.7	353.1	409.3	464.8
-45°	0.0	18.0	47.9	88.6	132.4	180.6	229.9	282.1	335.2	389.0	442.5
-47.5°	0.0	17.2	44.5	82.8	124.7	169.7	215.8	265.6	316.3	367.8	418.9
-50°	0.0	16.3	41.0	77.2	116.6	158.5	202.2	248.3	296.7	345.8	394.3
-52.5°	0.0	15.5	37.3	71.5	108.1	146.9	188.4	230.3	276.3	322.9	368.9
-55°	0.0	14.6	33.5	65.6	99.4	135.7	174.2	211.9	255.0	299.3	342.7
-57.5°	0.0	13.6	29.5	59.5	90.3	124.3	159.7	195.1	233.0	274.4	315.7
-60°	0.0	12.7	25.4	53.2	81.0	112.5	144.9	177.9	210.8	248.6	287.5
-62.5°	0.0	11.7	23.4	46.8	72.4	100.3	130.1	160.3	190.4	222.0	257.7
-65°	0.0	10.7	21.4	40.2	63.7	87.8	114.9	142.2	169.5	197.4	227.0
-67.5°	0.0	9.7	19.4	33.5	54.7	75.8	99.3	123.9	148.1	173.0	198.4
-70°	0.0	8.7	17.4	26.7	45.7	64.5	83.5	105.3	126.8	148.1	170.4
-72.5°	0.0	7.6	15.3	22.9	36.4	53.0	69.4	86.4	105.3	123.9	142.2
-75°	0.0	6.6	13.1	19.7	27.1	41.3	55.4	69.6	83.5	99.5	115.2
-77.5°	0.0	5.5	11.0	16.4	21.9	29.5	41.3	53.5	65.2	76.2	88.0
-80°	0.0	4.4	8.8	13.2	17.6	21.9	27.1	37.4	47.2	56.5	65.2
-82.5°	0.0	3.3	6.6	9.9	13.2	16.4	19.7	23.9	29.1	36.7	43.9
-85°	0.0	2.2	4.4	6.6	8.8	11.0	13.1	16.0	19.1	22.3	25.7
-87.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	8.0	9.6	11.2	12.9
-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°	14.1	15.2	16.4	17.5	18.6	19.6	20.6	21.6	22.5	23.4	24.2
85°	28.1	30.5	34.5	38.7	42.6	46.4	50.1	53.6	57.0	60.3	63.3
82.5°	50.4	57.0	63.7	70.6	76.6	82.3	87.9	93.7	99.5	105.2	110.9
80°	74.2	83.4	93.9	103.8	112.6	120.9	128.9	136.6	145.0	153.9	163.0
77.5°	101.6	114.6	126.9	138.5	149.5	161.7	173.4	184.7	196.4	208.0	219.1
75°	130.9	145.8	161.6	177.1	192.1	206.7	220.9	235.4	250.1	264.7	278.6
72.5°	161.2	180.2	198.8	216.9	235.5	253.7	271.3	288.3	305.7	323.6	340.6
70°	192.8	214.4	237.3	259.3	280.4	301.6	323.1	343.8	364.0	384.7	405.2
67.5°	224.6	251.7	277.5	301.9	326.7	351.8	376.0	400.7	424.7	448.7	471.7
65°	259.5	289.2	317.4	345.4	373.5	402.9	431.5	459.1	486.9	513.7	537.9
62.5°	293.8	325.4	356.5	388.4	422.0	454.9	486.2	517.8	550.1	578.2	602.7
60°	325.4	360.4	395.2	431.6	468.6	504.1	539.1	573.6	608.2	640.6	660.6
57.5°	355.8	394.6	433.2	472.3	511.3	551.0	587.7	625.6	657.8	685.1	708.3
55°	385.5	427.6	468.7	509.7	551.9	593.3	633.3	669.3	700.8	723.6	745.9
52.5°	414.3	458.7	501.2	545.6	590.4	634.3	676.1	709.5	735.4	758.6	779.4
50°	442.3	487.4	532.3	580.4	627.8	674.2	713.6	742.8	769.1	791.7	813.5
47.5°	468.5	515.6	563.5	614.1	663.9	708.9	745.0	775.6	802.4	826.8	852.7
45°	493.8	543.7	594.4	646.6	697.5	740.9	775.7	808.6	833.8	861.4	891.1
42.5°	518.3	570.7	623.8	677.8	729.2	769.8	804.5	834.7	864.3	897.0	932.8
40°	541.6	596.2	651.6	707.8	759.1	795.0	829.1	861.1	897.0	935.8	977.3
37.5°	563.5	620.2	677.7	736.1	781.0	818.0	853.0	888.6	930.4	975.3	1031.7
35°	583.9	642.5	702.0	758.0	800.7	840.0	876.1	915.9	964.6	1023.4	1095.6
32.5°	602.8	663.1	724.3	775.7	818.9	859.6	896.8	946.4	1004.9	1074.9	1177.1
30°	620.3	682.0	743.4	793.1	835.2	876.2	921.4	977.2	1045.7	1147.9	1278.7
27.5°	636.5	699.1	758.4	807.6	849.8	892.0	944.9	1012.7	1102.9	1224.8	1387.4
25°	651.3	715.5	772.8	819.8	863.4	910.2	967.7	1043.9	1162.4	1319.9	1539.6
22.5°	664.8	730.3	786.6	830.3	876.1	926.8	993.9	1089.2	1225.9	1409.8	1693.1
20°	676.8	741.5	796.9	840.2	887.8	940.6	1017.2	1132.1	1297.0	1535.1	1896.8
17.5°	687.3	751.3	804.6	849.8	899.3	956.2	1039.9	1169.3	1360.1	1644.5	2102.8
15°	696.3	759.7	811.1	857.9	909.2	974.0	1071.5	1218.0	1433.5	1758.2	2282.3
12.5°	703.8	766.6	816.4	864.6	917.4	988.9	1098.6	1263.9	1509.7	1898.0	2546.8
10°	709.7	772.0	820.5	869.7	923.8	1000.8	1120.5	1301.4	1572.8	2019.0	2772.4
7.5°	715.1	776.0	823.3	873.4	928.4	1009.7	1137.2	1330.3	1621.2	2114.1	2950.9
5°	719.2	778.4	824.9	875.5	932.3	1015.5	1148.6	1350.3	1654.7	2182.0	3076.6
2.5°	721.6	779.1	825.2	876.1	935.1	1018.1	1154.5	1361.5	1680.9	2214.2	3144.1
0°	722.4	778.4	824.2	875.1	936.1	1017.5	1154.9	1363.5	1694.1	2213.1	3154.3
-2.5°	721.6	779.1	825.2	876.1	935.1	1018.1	1154.5	1361.5	1680.9	2214.2	3144.1
-5°	719.2	778.4	824.9	875.5	932.3	1015.5	1148.6	1350.3	1654.7	2182.0	3076.6
-7.5°	715.1	776.0	823.3	873.4	928.4	1009.7	1137.2	1330.3	1621.2	2114.1	2950.9
-10°	709.7	772.0	820.5	869.7	923.8	1000.8	1120.5	1301.4	1572.8	2019.0	2772.4
-12.5°	703.8	766.6	816.4	864.6	917.4	988.9	1098.6	1263.9	1509.7	1898.0	2546.8
-15°	696.3	759.7	811.1	857.9	909.2	974.0	1071.5	1218.0	1433.5	1758.2	2282.3
-17.5°	687.3	751.3	804.6	849.8	899.3	956.2	1039.9	1169.3	1360.1	1644.5	2102.8
-20°	676.8	741.5	796.9	840.2	887.8	940.6	1017.2	1132.1	1297.0	1535.1	1896.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	664.8	730.3	786.6	830.3	876.1	926.8	993.9	1089.2	1225.9	1409.8	1693.1
-25°	651.3	715.5	772.8	819.8	863.4	910.2	967.7	1043.9	1162.4	1319.9	1539.6
-27.5°	636.5	699.1	758.4	807.6	849.8	892.0	944.9	1012.7	1102.9	1224.8	1387.4
-30°	620.3	682.0	743.4	793.1	835.2	876.2	921.4	977.2	1045.7	1147.9	1278.7
-32.5°	602.8	663.1	724.3	775.7	818.9	859.6	896.8	946.4	1004.9	1074.9	1177.1
-35°	583.9	642.5	702.0	758.0	800.7	840.0	876.1	915.9	964.6	1023.4	1095.6
-37.5°	563.5	620.2	677.7	736.1	781.0	818.0	853.0	888.6	930.4	975.3	1031.7
-40°	541.6	596.2	651.6	707.8	759.1	795.0	829.1	861.1	897.0	935.8	977.3
-42.5°	518.3	570.7	623.8	677.8	729.2	769.8	804.5	834.7	864.3	897.0	932.8
-45°	493.8	543.7	594.4	646.6	697.5	740.9	775.7	808.6	833.8	861.4	891.1
-47.5°	468.5	515.6	563.5	614.1	663.9	708.9	745.0	775.6	802.4	826.8	852.7
-50°	442.3	487.4	532.3	580.4	627.8	674.2	713.6	742.8	769.1	791.7	813.5
-52.5°	414.3	458.7	501.2	545.6	590.4	634.3	676.1	709.5	735.4	758.6	779.4
-55°	385.5	427.6	468.7	509.7	551.9	593.3	633.3	669.3	700.8	723.6	745.9
-57.5°	355.8	394.6	433.2	472.3	511.3	551.0	587.7	625.6	657.8	685.1	708.3
-60°	325.4	360.4	395.2	431.6	468.6	504.1	539.1	573.6	608.2	640.6	660.6
-62.5°	293.8	325.4	356.5	388.4	422.0	454.9	486.2	517.8	550.1	578.2	602.7
-65°	259.5	289.2	317.4	345.4	373.5	402.9	431.5	459.1	486.9	513.7	537.9
-67.5°	224.6	251.7	277.5	301.9	326.7	351.8	376.0	400.7	424.7	448.7	471.7
-70°	192.8	214.4	237.3	259.3	280.4	301.6	323.1	343.8	364.0	384.7	405.2
-72.5°	161.2	180.2	198.8	216.9	235.5	253.7	271.3	288.3	305.7	323.6	340.6
-75°	130.9	145.8	161.6	177.1	192.1	206.7	220.9	235.4	250.1	264.7	278.6
-77.5°	101.6	114.6	126.9	138.5	149.5	161.7	173.4	184.7	196.4	208.0	219.1
-80°	74.2	83.4	93.9	103.8	112.6	120.9	128.9	136.6	145.0	153.9	163.0
-82.5°	50.4	57.0	63.7	70.6	76.6	82.3	87.9	93.7	99.5	105.2	110.9
-85°	28.1	30.5	34.5	38.7	42.6	46.4	50.1	53.6	57.0	60.3	63.3
-87.5°	14.1	15.2	16.4	17.5	18.6	19.6	20.6	21.6	22.5	23.4	24.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	25.0	24.7	24.2	23.7	23.0	24.6	26.3	27.9	29.5	28.5	27.5
85°	66.2	67.7	69.0	70.0	70.9	74.1	77.1	80.0	82.6	82.6	82.3
82.5°	116.5	120.2	123.5	126.4	128.9	132.6	135.9	138.8	141.2	143.1	144.6
80°	171.7	177.8	183.0	187.8	192.0	196.9	201.4	205.5	209.0	210.9	212.1
77.5°	230.1	238.9	246.9	254.5	261.7	268.8	275.3	281.1	286.1	287.3	287.0
75°	291.8	303.7	314.9	325.3	334.9	343.2	350.1	356.0	360.8	363.1	364.4
72.5°	356.9	371.6	384.7	396.6	406.8	415.3	422.6	429.0	434.4	437.8	439.8
70°	424.7	442.1	455.6	466.8	475.5	483.9	493.4	502.5	510.9	515.7	517.5
67.5°	492.7	510.7	523.2	533.3	541.3	549.6	561.5	572.3	581.8	588.3	592.4
65°	559.3	578.3	590.7	600.5	607.8	616.1	629.5	640.1	648.3	654.7	660.5
62.5°	625.1	644.2	658.1	669.6	680.3	689.5	700.4	709.4	716.4	722.7	729.9
60°	682.1	704.8	719.3	731.0	744.3	758.6	766.6	773.3	779.2	784.3	788.7
57.5°	728.6	748.9	767.5	781.7	795.4	808.7	818.3	824.5	829.6	833.5	835.0
55°	767.6	788.5	809.3	824.7	838.2	850.6	861.1	869.3	876.1	881.4	882.7
52.5°	802.5	826.0	846.5	864.1	882.0	896.7	908.2	919.3	929.0	936.9	940.3
50°	840.5	865.1	890.6	914.2	933.3	950.1	964.0	979.7	996.3	1010.1	1018.7
47.5°	880.4	908.8	939.6	968.8	991.3	1016.1	1039.2	1062.6	1093.5	1119.4	1138.7
45°	922.2	958.6	993.8	1030.8	1062.0	1108.8	1152.2	1189.4	1238.9	1283.9	1319.5
42.5°	971.6	1016.9	1060.1	1119.4	1181.5	1245.3	1314.3	1373.2	1450.6	1529.4	1593.0
40°	1030.0	1087.9	1164.0	1243.7	1341.7	1429.5	1548.6	1654.7	1773.4	1923.6	2047.7
37.5°	1100.4	1189.5	1295.4	1406.5	1559.3	1705.4	1902.2	2109.6	2297.8	2586.7	2829.8
35°	1191.8	1316.4	1455.9	1652.3	1868.7	2142.4	2449.4	2850.1	3193.6	3681.0	4146.7
32.5°	1309.5	1469.8	1697.5	2000.8	2320.7	2817.5	3304.7	4000.4	4644.5	5416.9	6250.5
30°	1440.6	1684.5	2032.4	2448.5	3045.0	3776.0	4634.9	5703.2	6872.4	7958.0	9027.8
27.5°	1630.6	1980.0	2437.1	3108.4	4038.1	5060.8	6565.6	8015.9	9528.9	10874.0	11995.7
25°	1852.4	2314.1	3020.9	4009.4	5266.8	7018.1	8819.4	10609.3	12236.5	13644.6	14884.0
22.5°	2138.7	2802.9	3745.1	5025.4	6983.4	9082.5	11194.8	13169.0	14904.7	16472.8	17814.5
20°	2450.2	3281.3	4626.8	6536.0	8775.2	11166.6	13551.6	15654.6	17565.8	19343.7	20855.9
17.5°	2845.1	4008.9	5712.7	8003.1	10591.9	13212.0	15717.6	17999.8	20168.1	22049.4	23629.4
15°	3181.5	4649.7	6873.4	9559.6	12359.8	15123.6	17768.8	20247.8	22502.1	24432.4	25917.7
12.5°	3630.3	5367.9	7903.9	10897.6	13932.1	16840.3	19626.5	22188.6	24482.9	26391.9	27548.1
10°	4054.5	6111.4	8899.9	12022.0	15174.5	18273.1	21248.0	23875.8	26005.8	27524.4	28509.7
7.5°	4415.2	6750.3	9710.1	12930.8	16161.6	19401.2	22412.6	24969.3	26933.3	28201.6	28887.5
5°	4684.5	7228.0	10311.5	13669.3	16984.5	20281.0	23268.9	25669.1	27366.5	28308.6	28653.0
2.5°	4856.1	7508.5	10660.6	14153.7	17535.3	20837.7	23856.3	26218.8	27659.0	28283.4	28342.7
0°	4924.7	7544.8	10714.3	14407.9	17674.1	20996.3	24023.3	26445.0	27767.8	28281.6	28271.4
-2.5°	4856.1	7508.5	10660.6	14153.7	17535.3	20837.7	23856.3	26218.8	27659.0	28283.4	28342.7
-5°	4684.5	7228.0	10311.5	13669.3	16984.5	20281.0	23268.9	25669.1	27366.5	28308.6	28653.0
-7.5°	4415.2	6750.3	9710.1	12930.8	16161.6	19401.2	22412.6	24969.3	26933.3	28201.6	28887.5
-10°	4054.5	6111.4	8899.9	12022.0	15174.5	18273.1	21248.0	23875.8	26005.8	27524.4	28509.7
-12.5°	3630.3	5367.9	7903.9	10897.6	13932.1	16840.3	19626.5	22188.6	24482.9	26391.9	27548.1
-15°	3181.5	4649.7	6873.4	9559.6	12359.8	15123.6	17768.8	20247.8	22502.1	24432.4	25917.7
-17.5°	2845.1	4008.9	5712.7	8003.1	10591.9	13212.0	15717.6	17999.8	20168.1	22049.4	23629.4
-20°	2450.2	3281.3	4626.8	6536.0	8775.2	11166.6	13551.6	15654.6	17565.8	19343.7	20855.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	2138.7	2802.9	3745.1	5025.4	6983.4	9082.5	11194.8	13169.0	14904.7	16472.8	17814.5
-25°	1852.4	2314.1	3020.9	4009.4	5266.8	7018.1	8819.4	10609.3	12236.5	13644.6	14884.0
-27.5°	1630.6	1980.0	2437.1	3108.4	4038.1	5060.8	6565.6	8015.9	9528.9	10874.0	11995.7
-30°	1440.6	1684.5	2032.4	2448.5	3045.0	3776.0	4634.9	5703.2	6872.4	7958.0	9027.8
-32.5°	1309.5	1469.8	1697.5	2000.8	2320.7	2817.5	3304.7	4000.4	4644.5	5416.9	6250.5
-35°	1191.8	1316.4	1455.9	1652.3	1868.7	2142.4	2449.4	2850.1	3193.6	3681.0	4146.7
-37.5°	1100.4	1189.5	1295.4	1406.5	1559.3	1705.4	1902.2	2109.6	2297.8	2586.7	2829.8
-40°	1030.0	1087.9	1164.0	1243.7	1341.7	1429.5	1548.6	1654.7	1773.4	1923.6	2047.7
-42.5°	971.6	1016.9	1060.1	1119.4	1181.5	1245.3	1314.3	1373.2	1450.6	1529.4	1593.0
-45°	922.2	958.6	993.8	1030.8	1062.0	1108.8	1152.2	1189.4	1238.9	1283.9	1319.5
-47.5°	880.4	908.8	939.6	968.8	991.3	1016.1	1039.2	1062.6	1093.5	1119.4	1138.7
-50°	840.5	865.1	890.6	914.2	933.3	950.1	964.0	979.7	996.3	1010.1	1018.7
-52.5°	802.5	826.0	846.5	864.1	882.0	896.7	908.2	919.3	929.0	936.9	940.3
-55°	767.6	788.5	809.3	824.7	838.2	850.6	861.1	869.3	876.1	881.4	882.7
-57.5°	728.6	748.9	767.5	781.7	795.4	808.7	818.3	824.5	829.6	833.5	835.0
-60°	682.1	704.8	719.3	731.0	744.3	758.6	766.6	773.3	779.2	784.3	788.7
-62.5°	625.1	644.2	658.1	669.6	680.3	689.5	700.4	709.4	716.4	722.7	729.9
-65°	559.3	578.3	590.7	600.5	607.8	616.1	629.5	640.1	648.3	654.7	660.5
-67.5°	492.7	510.7	523.2	533.3	541.3	549.6	561.5	572.3	581.8	588.3	592.4
-70°	424.7	442.1	455.6	466.8	475.5	483.9	493.4	502.5	510.9	515.7	517.5
-72.5°	356.9	371.6	384.7	396.6	406.8	415.3	422.6	429.0	434.4	437.8	439.8
-75°	291.8	303.7	314.9	325.3	334.9	343.2	350.1	356.0	360.8	363.1	364.4
-77.5°	230.1	238.9	246.9	254.5	261.7	268.8	275.3	281.1	286.1	287.3	287.0
-80°	171.7	177.8	183.0	187.8	192.0	196.9	201.4	205.5	209.0	210.9	212.1
-82.5°	116.5	120.2	123.5	126.4	128.9	132.6	135.9	138.8	141.2	143.1	144.6
-85°	66.2	67.7	69.0	70.0	70.9	74.1	77.1	80.0	82.6	82.6	82.3
-87.5°	25.0	24.7	24.2	23.7	23.0	24.6	26.3	27.9	29.5	28.5	27.5
-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: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	26.5	25.3	25.4	25.4	25.4	25.3	26.5	27.5	28.5	29.5	27.9
85°	81.7	81.0	78.8	76.3	78.8	81.0	81.7	82.3	82.6	82.6	80.0
82.5°	145.8	146.7	144.8	142.5	144.8	146.7	145.8	144.6	143.1	141.2	138.8
80°	212.7	212.7	210.9	208.6	210.9	212.7	212.7	212.1	210.9	209.0	205.5
77.5°	285.8	283.7	284.5	284.9	284.5	283.7	285.8	287.0	287.3	286.1	281.1
75°	364.9	364.6	363.4	361.2	363.4	364.6	364.9	364.4	363.1	360.8	356.0
72.5°	440.8	440.7	439.6	437.5	439.6	440.7	440.8	439.8	437.8	434.4	429.0
70°	517.9	517.0	518.3	518.9	518.3	517.0	517.9	517.5	515.7	510.9	502.5
67.5°	595.5	597.6	597.2	595.2	597.2	597.6	595.5	592.4	588.3	581.8	572.3
65°	665.2	668.7	670.9	671.6	670.9	668.7	665.2	660.5	654.7	648.3	640.1
62.5°	735.5	739.6	739.8	737.7	739.8	739.6	735.5	729.9	722.7	716.4	709.4
60°	791.2	791.9	790.9	788.6	790.9	791.9	791.2	788.7	784.3	779.2	773.3
57.5°	835.0	833.5	831.8	829.3	831.8	833.5	835.0	835.0	833.5	829.6	824.5
55°	882.0	879.5	877.5	875.1	877.5	879.5	882.0	882.7	881.4	876.1	869.3
52.5°	941.0	939.7	938.3	936.1	938.3	939.7	941.0	940.3	936.9	929.0	919.3
50°	1023.2	1024.5	1024.3	1022.6	1024.3	1024.5	1023.2	1018.7	1010.1	996.3	979.7
47.5°	1150.9	1157.6	1162.2	1165.0	1162.2	1157.6	1150.9	1138.7	1119.4	1093.5	1062.6
45°	1342.4	1355.9	1365.5	1373.6	1365.5	1355.9	1342.4	1319.5	1283.9	1238.9	1189.4
42.5°	1637.7	1668.1	1682.5	1678.9	1682.5	1668.1	1637.7	1593.0	1529.4	1450.6	1373.2
40°	2130.4	2179.5	2206.7	2228.3	2206.7	2179.5	2130.4	2047.7	1923.6	1773.4	1654.7
37.5°	2995.7	3091.0	3141.1	3184.8	3141.1	3091.0	2995.7	2829.8	2586.7	2297.8	2109.6
35°	4494.6	4709.0	4823.7	4863.7	4823.7	4709.0	4494.6	4146.7	3681.0	3193.6	2850.1
32.5°	6899.1	7294.6	7513.2	7682.2	7513.2	7294.6	6899.1	6250.5	5416.9	4644.5	4000.4
30°	9875.0	10395.8	10685.0	10826.3	10685.0	10395.8	9875.0	9027.8	7958.0	6872.4	5703.2
27.5°	12925.5	13517.6	13829.5	13812.7	13829.5	13517.6	12925.5	11995.7	10874.0	9528.9	8015.9
25°	15946.6	16632.4	16943.2	17221.3	16943.2	16632.4	15946.6	14884.0	13644.6	12236.5	10609.3
22.5°	19002.1	19804.0	20241.6	20446.8	20241.6	19804.0	19002.1	17814.5	16472.8	14904.7	13169.0
20°	22021.2	22913.9	23378.5	23580.7	23378.5	22913.9	22021.2	20855.9	19343.7	17565.8	15654.6
17.5°	24698.9	25570.3	26013.1	26200.8	26013.1	25570.3	24698.9	23629.4	22049.4	20168.1	17999.8
15°	26836.9	27479.7	27856.3	27956.0	27856.3	27479.7	26836.9	25917.7	24432.4	22502.1	20247.8
12.5°	28314.8	28563.9	28745.0	28800.5	28745.0	28563.9	28314.8	27548.1	26391.9	24482.9	22188.6
10°	29070.5	28958.1	28911.6	28917.5	28911.6	28958.1	29070.5	28509.7	27524.4	26005.8	23875.8
7.5°	29018.5	28852.1	28517.9	28464.8	28517.9	28852.1	29018.5	28887.5	28201.6	26933.3	24969.3
5°	28601.5	28298.7	27744.1	27584.6	27744.1	28298.7	28601.5	28653.0	28308.6	27366.5	25669.1
2.5°	28115.6	27569.6	27058.6	26729.9	27058.6	27569.6	28115.6	28342.7	28283.4	27659.0	26218.8
0°	27971.3	27340.4	26679.0	26465.4	26679.0	27340.4	27971.3	28271.4	28281.6	27767.8	26445.0
-2.5°	28115.6	27569.6	27058.6	26729.9	27058.6	27569.6	28115.6	28342.7	28283.4	27659.0	26218.8
-5°	28601.5	28298.7	27744.1	27584.6	27744.1	28298.7	28601.5	28653.0	28308.6	27366.5	25669.1
-7.5°	29018.5	28852.1	28517.9	28464.8	28517.9	28852.1	29018.5	28887.5	28201.6	26933.3	24969.3
-10°	29070.5	28958.1	28911.6	28917.5	28911.6	28958.1	29070.5	28509.7	27524.4	26005.8	23875.8
-12.5°	28314.8	28563.9	28745.0	28800.5	28745.0	28563.9	28314.8	27548.1	26391.9	24482.9	22188.6
-15°	26836.9	27479.7	27856.3	27956.0	27856.3	27479.7	26836.9	25917.7	24432.4	22502.1	20247.8
-17.5°	24698.9	25570.3	26013.1	26200.8	26013.1	25570.3	24698.9	23629.4	22049.4	20168.1	17999.8
-20°	22021.2	22913.9	23378.5	23580.7	23378.5	22913.9	22021.2	20855.9	19343.7	17565.8	15654.6



REPORT NUMBER: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	19002.1	19804.0	20241.6	20446.8	20241.6	19804.0	19002.1	17814.5	16472.8	14904.7	13169.0
-25°	15946.6	16632.4	16943.2	17221.3	16943.2	16632.4	15946.6	14884.0	13644.6	12236.5	10609.3
-27.5°	12925.5	13517.6	13829.5	13812.7	13829.5	13517.6	12925.5	11995.7	10874.0	9528.9	8015.9
-30°	9875.0	10395.8	10685.0	10826.3	10685.0	10395.8	9875.0	9027.8	7958.0	6872.4	5703.2
-32.5°	6899.1	7294.6	7513.2	7682.2	7513.2	7294.6	6899.1	6250.5	5416.9	4644.5	4000.4
-35°	4494.6	4709.0	4823.7	4863.7	4823.7	4709.0	4494.6	4146.7	3681.0	3193.6	2850.1
-37.5°	2995.7	3091.0	3141.1	3184.8	3141.1	3091.0	2995.7	2829.8	2586.7	2297.8	2109.6
-40°	2130.4	2179.5	2206.7	2228.3	2206.7	2179.5	2130.4	2047.7	1923.6	1773.4	1654.7
-42.5°	1637.7	1668.1	1682.5	1678.9	1682.5	1668.1	1637.7	1593.0	1529.4	1450.6	1373.2
-45°	1342.4	1355.9	1365.5	1373.6	1365.5	1355.9	1342.4	1319.5	1283.9	1238.9	1189.4
-47.5°	1150.9	1157.6	1162.2	1165.0	1162.2	1157.6	1150.9	1138.7	1119.4	1093.5	1062.6
-50°	1023.2	1024.5	1024.3	1022.6	1024.3	1024.5	1023.2	1018.7	1010.1	996.3	979.7
-52.5°	941.0	939.7	938.3	936.1	938.3	939.7	941.0	940.3	936.9	929.0	919.3
-55°	882.0	879.5	877.5	875.1	877.5	879.5	882.0	882.7	881.4	876.1	869.3
-57.5°	835.0	833.5	831.8	829.3	831.8	833.5	835.0	835.0	833.5	829.6	824.5
-60°	791.2	791.9	790.9	788.6	790.9	791.9	791.2	788.7	784.3	779.2	773.3
-62.5°	735.5	739.6	739.8	737.7	739.8	739.6	735.5	729.9	722.7	716.4	709.4
-65°	665.2	668.7	670.9	671.6	670.9	668.7	665.2	660.5	654.7	648.3	640.1
-67.5°	595.5	597.6	597.2	595.2	597.2	597.6	595.5	592.4	588.3	581.8	572.3
-70°	517.9	517.0	518.3	518.9	518.3	517.0	517.9	517.5	515.7	510.9	502.5
-72.5°	440.8	440.7	439.6	437.5	439.6	440.7	440.8	439.8	437.8	434.4	429.0
-75°	364.9	364.6	363.4	361.2	363.4	364.6	364.9	364.4	363.1	360.8	356.0
-77.5°	285.8	283.7	284.5	284.9	284.5	283.7	285.8	287.0	287.3	286.1	281.1
-80°	212.7	212.7	210.9	208.6	210.9	212.7	212.7	212.1	210.9	209.0	205.5
-82.5°	145.8	146.7	144.8	142.5	144.8	146.7	145.8	144.6	143.1	141.2	138.8
-85°	81.7	81.0	78.8	76.3	78.8	81.0	81.7	82.3	82.6	82.6	80.0
-87.5°	26.5	25.3	25.4	25.4	25.4	25.3	26.5	27.5	28.5	29.5	27.9
-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: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	26.3	24.6	23.0	23.7	24.2	24.7	25.0	24.2	23.4	22.5	21.6
85°	77.1	74.1	70.9	70.0	69.0	67.7	66.2	63.3	60.3	57.0	53.6
82.5°	135.9	132.6	128.9	126.4	123.5	120.2	116.5	110.9	105.2	99.5	93.7
80°	201.4	196.9	192.0	187.8	183.0	177.8	171.7	163.0	153.9	145.0	136.6
77.5°	275.3	268.8	261.7	254.5	246.9	238.9	230.1	219.1	208.0	196.4	184.7
75°	350.1	343.2	334.9	325.3	314.9	303.7	291.8	278.6	264.7	250.1	235.4
72.5°	422.6	415.3	406.8	396.6	384.7	371.6	356.9	340.6	323.6	305.7	288.3
70°	493.4	483.9	475.5	466.8	455.6	442.1	424.7	405.2	384.7	364.0	343.8
67.5°	561.5	549.6	541.3	533.3	523.2	510.7	492.7	471.7	448.7	424.7	400.7
65°	629.5	616.1	607.8	600.5	590.7	578.3	559.3	537.9	513.7	486.9	459.1
62.5°	700.4	689.5	680.3	669.6	658.1	644.2	625.1	602.7	578.2	550.1	517.8
60°	766.6	758.6	744.3	731.0	719.3	704.8	682.1	660.6	640.6	608.2	573.6
57.5°	818.3	808.7	795.4	781.7	767.5	748.9	728.6	708.3	685.1	657.8	625.6
55°	861.1	850.6	838.2	824.7	809.3	788.5	767.6	745.9	723.6	700.8	669.3
52.5°	908.2	896.7	882.0	864.1	846.5	826.0	802.5	779.4	758.6	735.4	709.5
50°	964.0	950.1	933.3	914.2	890.6	865.1	840.5	813.5	791.7	769.1	742.8
47.5°	1039.2	1016.1	991.3	968.8	939.6	908.8	880.4	852.7	826.8	802.4	775.6
45°	1152.2	1108.8	1062.0	1030.8	993.8	958.6	922.2	891.1	861.4	833.8	808.6
42.5°	1314.3	1245.3	1181.5	1119.4	1060.1	1016.9	971.6	932.8	897.0	864.3	834.7
40°	1548.6	1429.5	1341.7	1243.7	1164.0	1087.9	1030.0	977.3	935.8	897.0	861.1
37.5°	1902.2	1705.4	1559.3	1406.5	1295.4	1189.5	1100.4	1031.7	975.3	930.4	888.6
35°	2449.4	2142.4	1868.7	1652.3	1455.9	1316.4	1191.8	1095.6	1023.4	964.6	915.9
32.5°	3304.7	2817.5	2320.7	2000.8	1697.5	1469.8	1309.5	1177.1	1074.9	1004.9	946.4
30°	4634.9	3776.0	3045.0	2448.5	2032.4	1684.5	1440.6	1278.7	1147.9	1045.7	977.2
27.5°	6565.6	5060.8	4038.1	3108.4	2437.1	1980.0	1630.6	1387.4	1224.8	1102.9	1012.7
25°	8819.4	7018.1	5266.8	4009.4	3020.9	2314.1	1852.4	1539.6	1319.9	1162.4	1043.9
22.5°	11194.8	9082.5	6983.4	5025.4	3745.1	2802.9	2138.7	1693.1	1409.8	1225.9	1089.2
20°	13551.6	11166.6	8775.2	6536.0	4626.8	3281.3	2450.2	1896.8	1535.1	1297.0	1132.1
17.5°	15717.6	13212.0	10591.9	8003.1	5712.7	4008.9	2845.1	2102.8	1644.5	1360.1	1169.3
15°	17768.8	15123.6	12359.8	9559.6	6873.4	4649.7	3181.5	2282.3	1758.2	1433.5	1218.0
12.5°	19626.5	16840.3	13932.1	10897.6	7903.9	5367.9	3630.3	2546.8	1898.0	1509.7	1263.9
10°	21248.0	18273.1	15174.5	12022.0	8899.9	6111.4	4054.5	2772.4	2019.0	1572.8	1301.4
7.5°	22412.6	19401.2	16161.6	12930.8	9710.1	6750.3	4415.2	2950.9	2114.1	1621.2	1330.3
5°	23268.9	20281.0	16984.5	13669.3	10311.5	7228.0	4684.5	3076.6	2182.0	1654.7	1350.3
2.5°	23856.3	20837.7	17535.3	14153.7	10660.6	7508.5	4856.1	3144.1	2214.2	1680.9	1361.5
0°	24023.3	20996.3	17674.1	14407.9	10714.3	7544.8	4924.7	3154.3	2213.1	1694.1	1363.5
-2.5°	23856.3	20837.7	17535.3	14153.7	10660.6	7508.5	4856.1	3144.1	2214.2	1680.9	1361.5
-5°	23268.9	20281.0	16984.5	13669.3	10311.5	7228.0	4684.5	3076.6	2182.0	1654.7	1350.3
-7.5°	22412.6	19401.2	16161.6	12930.8	9710.1	6750.3	4415.2	2950.9	2114.1	1621.2	1330.3
-10°	21248.0	18273.1	15174.5	12022.0	8899.9	6111.4	4054.5	2772.4	2019.0	1572.8	1301.4
-12.5°	19626.5	16840.3	13932.1	10897.6	7903.9	5367.9	3630.3	2546.8	1898.0	1509.7	1263.9
-15°	17768.8	15123.6	12359.8	9559.6	6873.4	4649.7	3181.5	2282.3	1758.2	1433.5	1218.0
-17.5°	15717.6	13212.0	10591.9	8003.1	5712.7	4008.9	2845.1	2102.8	1644.5	1360.1	1169.3
-20°	13551.6	11166.6	8775.2	6536.0	4626.8	3281.3	2450.2	1896.8	1535.1	1297.0	1132.1



REPORT NUMBER: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	11194.8	9082.5	6983.4	5025.4	3745.1	2802.9	2138.7	1693.1	1409.8	1225.9	1089.2
-25°	8819.4	7018.1	5266.8	4009.4	3020.9	2314.1	1852.4	1539.6	1319.9	1162.4	1043.9
-27.5°	6565.6	5060.8	4038.1	3108.4	2437.1	1980.0	1630.6	1387.4	1224.8	1102.9	1012.7
-30°	4634.9	3776.0	3045.0	2448.5	2032.4	1684.5	1440.6	1278.7	1147.9	1045.7	977.2
-32.5°	3304.7	2817.5	2320.7	2000.8	1697.5	1469.8	1309.5	1177.1	1074.9	1004.9	946.4
-35°	2449.4	2142.4	1868.7	1652.3	1455.9	1316.4	1191.8	1095.6	1023.4	964.6	915.9
-37.5°	1902.2	1705.4	1559.3	1406.5	1295.4	1189.5	1100.4	1031.7	975.3	930.4	888.6
-40°	1548.6	1429.5	1341.7	1243.7	1164.0	1087.9	1030.0	977.3	935.8	897.0	861.1
-42.5°	1314.3	1245.3	1181.5	1119.4	1060.1	1016.9	971.6	932.8	897.0	864.3	834.7
-45°	1152.2	1108.8	1062.0	1030.8	993.8	958.6	922.2	891.1	861.4	833.8	808.6
-47.5°	1039.2	1016.1	991.3	968.8	939.6	908.8	880.4	852.7	826.8	802.4	775.6
-50°	964.0	950.1	933.3	914.2	890.6	865.1	840.5	813.5	791.7	769.1	742.8
-52.5°	908.2	896.7	882.0	864.1	846.5	826.0	802.5	779.4	758.6	735.4	709.5
-55°	861.1	850.6	838.2	824.7	809.3	788.5	767.6	745.9	723.6	700.8	669.3
-57.5°	818.3	808.7	795.4	781.7	767.5	748.9	728.6	708.3	685.1	657.8	625.6
-60°	766.6	758.6	744.3	731.0	719.3	704.8	682.1	660.6	640.6	608.2	573.6
-62.5°	700.4	689.5	680.3	669.6	658.1	644.2	625.1	602.7	578.2	550.1	517.8
-65°	629.5	616.1	607.8	600.5	590.7	578.3	559.3	537.9	513.7	486.9	459.1
-67.5°	561.5	549.6	541.3	533.3	523.2	510.7	492.7	471.7	448.7	424.7	400.7
-70°	493.4	483.9	475.5	466.8	455.6	442.1	424.7	405.2	384.7	364.0	343.8
-72.5°	422.6	415.3	406.8	396.6	384.7	371.6	356.9	340.6	323.6	305.7	288.3
-75°	350.1	343.2	334.9	325.3	314.9	303.7	291.8	278.6	264.7	250.1	235.4
-77.5°	275.3	268.8	261.7	254.5	246.9	238.9	230.1	219.1	208.0	196.4	184.7
-80°	201.4	196.9	192.0	187.8	183.0	177.8	171.7	163.0	153.9	145.0	136.6
-82.5°	135.9	132.6	128.9	126.4	123.5	120.2	116.5	110.9	105.2	99.5	93.7
-85°	77.1	74.1	70.9	70.0	69.0	67.7	66.2	63.3	60.3	57.0	53.6
-87.5°	26.3	24.6	23.0	23.7	24.2	24.7	25.0	24.2	23.4	22.5	21.6
-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: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	20.6	19.6	18.6	17.5	16.4	15.2	14.1	12.9	11.2	9.6	8.0
85°	50.1	46.4	42.6	38.7	34.5	30.5	28.1	25.7	22.3	19.1	16.0
82.5°	87.9	82.3	76.6	70.6	63.7	57.0	50.4	43.9	36.7	29.1	23.9
80°	128.9	120.9	112.6	103.8	93.9	83.4	74.2	65.2	56.5	47.2	37.4
77.5°	173.4	161.7	149.5	138.5	126.9	114.6	101.6	88.0	76.2	65.2	53.5
75°	220.9	206.7	192.1	177.1	161.6	145.8	130.9	115.2	99.5	83.5	69.6
72.5°	271.3	253.7	235.5	216.9	198.8	180.2	161.2	142.2	123.9	105.3	86.4
70°	323.1	301.6	280.4	259.3	237.3	214.4	192.8	170.4	148.1	126.8	105.3
67.5°	376.0	351.8	326.7	301.9	277.5	251.7	224.6	198.4	173.0	148.1	123.9
65°	431.5	402.9	373.5	345.4	317.4	289.2	259.5	227.0	197.4	169.5	142.2
62.5°	486.2	454.9	422.0	388.4	356.5	325.4	293.8	257.7	222.0	190.4	160.3
60°	539.1	504.1	468.6	431.6	395.2	360.4	325.4	287.5	248.6	210.8	177.9
57.5°	587.7	551.0	511.3	472.3	433.2	394.6	355.8	315.7	274.4	233.0	195.1
55°	633.3	593.3	551.9	509.7	468.7	427.6	385.5	342.7	299.3	255.0	211.9
52.5°	676.1	634.3	590.4	545.6	501.2	458.7	414.3	368.9	322.9	276.3	230.3
50°	713.6	674.2	627.8	580.4	532.3	487.4	442.3	394.3	345.8	296.7	248.3
47.5°	745.0	708.9	663.9	614.1	563.5	515.6	468.5	418.9	367.8	316.3	265.6
45°	775.7	740.9	697.5	646.6	594.4	543.7	493.8	442.5	389.0	335.2	282.1
42.5°	804.5	769.8	729.2	677.8	623.8	570.7	518.3	464.8	409.3	353.1	297.7
40°	829.1	795.0	759.1	707.8	651.6	596.2	541.6	486.2	428.7	370.3	312.6
37.5°	853.0	818.0	781.0	736.1	677.7	620.2	563.5	506.9	447.5	386.8	326.5
35°	876.1	840.0	800.7	758.0	702.0	642.5	583.9	526.1	465.0	402.6	339.6
32.5°	896.8	859.6	818.9	775.7	724.3	663.1	602.8	543.1	481.3	417.6	351.7
30°	921.4	876.2	835.2	793.1	743.4	682.0	620.3	558.9	496.3	431.7	363.2
27.5°	944.9	892.0	849.8	807.6	758.4	699.1	636.5	573.5	510.0	444.5	374.4
25°	967.7	910.2	863.4	819.8	772.8	715.5	651.3	586.9	522.1	455.7	384.8
22.5°	993.9	926.8	876.1	830.3	786.6	730.3	664.8	599.0	532.9	465.8	394.4
20°	1017.2	940.6	887.8	840.2	796.9	741.5	676.8	609.7	542.5	474.7	403.0
17.5°	1039.9	956.2	899.3	849.8	804.6	751.3	687.3	619.2	551.0	482.4	410.6
15°	1071.5	974.0	909.2	857.9	811.1	759.7	696.3	627.3	558.2	488.9	417.5
12.5°	1098.6	988.9	917.4	864.6	816.4	766.6	703.8	634.0	564.1	494.7	423.6
10°	1120.5	1000.8	923.8	869.7	820.5	772.0	709.7	639.7	569.7	499.8	428.6
7.5°	1137.2	1009.7	928.4	873.4	823.3	776.0	715.1	644.7	574.2	503.7	432.5
5°	1148.6	1015.5	932.3	875.5	824.9	778.4	719.2	648.3	577.4	506.5	435.3
2.5°	1154.5	1018.1	935.1	876.1	825.2	779.1	721.6	650.5	579.4	508.2	436.9
0°	1154.9	1017.5	936.1	875.1	824.2	778.4	722.4	651.2	580.0	508.8	437.5
-2.5°	1154.5	1018.1	935.1	876.1	825.2	779.1	721.6	650.5	579.4	508.2	436.9
-5°	1148.6	1015.5	932.3	875.5	824.9	778.4	719.2	648.3	577.4	506.5	435.3
-7.5°	1137.2	1009.7	928.4	873.4	823.3	776.0	715.1	644.7	574.2	503.7	432.5
-10°	1120.5	1000.8	923.8	869.7	820.5	772.0	709.7	639.7	569.7	499.8	428.6
-12.5°	1098.6	988.9	917.4	864.6	816.4	766.6	703.8	634.0	564.1	494.7	423.6
-15°	1071.5	974.0	909.2	857.9	811.1	759.7	696.3	627.3	558.2	488.9	417.5
-17.5°	1039.9	956.2	899.3	849.8	804.6	751.3	687.3	619.2	551.0	482.4	410.6
-20°	1017.2	940.6	887.8	840.2	796.9	741.5	676.8	609.7	542.5	474.7	403.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	993.9	926.8	876.1	830.3	786.6	730.3	664.8	599.0	532.9	465.8	394.4
-25°	967.7	910.2	863.4	819.8	772.8	715.5	651.3	586.9	522.1	455.7	384.8
-27.5°	944.9	892.0	849.8	807.6	758.4	699.1	636.5	573.5	510.0	444.5	374.4
-30°	921.4	876.2	835.2	793.1	743.4	682.0	620.3	558.9	496.3	431.7	363.2
-32.5°	896.8	859.6	818.9	775.7	724.3	663.1	602.8	543.1	481.3	417.6	351.7
-35°	876.1	840.0	800.7	758.0	702.0	642.5	583.9	526.1	465.0	402.6	339.6
-37.5°	853.0	818.0	781.0	736.1	677.7	620.2	563.5	506.9	447.5	386.8	326.5
-40°	829.1	795.0	759.1	707.8	651.6	596.2	541.6	486.2	428.7	370.3	312.6
-42.5°	804.5	769.8	729.2	677.8	623.8	570.7	518.3	464.8	409.3	353.1	297.7
-45°	775.7	740.9	697.5	646.6	594.4	543.7	493.8	442.5	389.0	335.2	282.1
-47.5°	745.0	708.9	663.9	614.1	563.5	515.6	468.5	418.9	367.8	316.3	265.6
-50°	713.6	674.2	627.8	580.4	532.3	487.4	442.3	394.3	345.8	296.7	248.3
-52.5°	676.1	634.3	590.4	545.6	501.2	458.7	414.3	368.9	322.9	276.3	230.3
-55°	633.3	593.3	551.9	509.7	468.7	427.6	385.5	342.7	299.3	255.0	211.9
-57.5°	587.7	551.0	511.3	472.3	433.2	394.6	355.8	315.7	274.4	233.0	195.1
-60°	539.1	504.1	468.6	431.6	395.2	360.4	325.4	287.5	248.6	210.8	177.9
-62.5°	486.2	454.9	422.0	388.4	356.5	325.4	293.8	257.7	222.0	190.4	160.3
-65°	431.5	402.9	373.5	345.4	317.4	289.2	259.5	227.0	197.4	169.5	142.2
-67.5°	376.0	351.8	326.7	301.9	277.5	251.7	224.6	198.4	173.0	148.1	123.9
-70°	323.1	301.6	280.4	259.3	237.3	214.4	192.8	170.4	148.1	126.8	105.3
-72.5°	271.3	253.7	235.5	216.9	198.8	180.2	161.2	142.2	123.9	105.3	86.4
-75°	220.9	206.7	192.1	177.1	161.6	145.8	130.9	115.2	99.5	83.5	69.6
-77.5°	173.4	161.7	149.5	138.5	126.9	114.6	101.6	88.0	76.2	65.2	53.5
-80°	128.9	120.9	112.6	103.8	93.9	83.4	74.2	65.2	56.5	47.2	37.4
-82.5°	87.9	82.3	76.6	70.6	63.7	57.0	50.4	43.9	36.7	29.1	23.9
-85°	50.1	46.4	42.6	38.7	34.5	30.5	28.1	25.7	22.3	19.1	16.0
-87.5°	20.6	19.6	18.6	17.5	16.4	15.2	14.1	12.9	11.2	9.6	8.0
-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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Scaled Data Report



REPORT NUMBER: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
85°	13.1	11.0	8.8	6.6	4.4	2.2	0.0
82.5°	19.7	16.4	13.2	9.9	6.6	3.3	0.0
80°	27.1	21.9	17.6	13.2	8.8	4.4	0.0
77.5°	41.3	29.5	21.9	16.4	11.0	5.5	0.0
75°	55.4	41.3	27.1	19.7	13.1	6.6	0.0
72.5°	69.4	53.0	36.4	22.9	15.3	7.6	0.0
70°	83.5	64.5	45.7	26.7	17.4	8.7	0.0
67.5°	99.3	75.8	54.7	33.5	19.4	9.7	0.0
65°	114.9	87.8	63.7	40.2	21.4	10.7	0.0
62.5°	130.1	100.3	72.4	46.8	23.4	11.7	0.0
60°	144.9	112.5	81.0	53.2	25.4	12.7	0.0
57.5°	159.7	124.3	90.3	59.5	29.5	13.6	0.0
55°	174.2	135.7	99.4	65.6	33.5	14.6	0.0
52.5°	188.4	146.9	108.1	71.5	37.3	15.5	0.0
50°	202.2	158.5	116.6	77.2	41.0	16.3	0.0
47.5°	215.8	169.7	124.7	82.8	44.5	17.2	0.0
45°	229.9	180.6	132.4	88.6	47.9	18.0	0.0
42.5°	243.3	191.0	139.8	94.2	51.1	18.7	0.0
40°	256.0	201.0	147.3	99.3	54.2	19.5	0.0
37.5°	268.0	210.6	154.9	104.0	57.0	20.1	0.0
35°	279.2	219.8	162.1	108.5	59.7	20.8	0.0
32.5°	289.7	228.6	168.9	112.7	62.2	21.4	0.0
30°	299.4	236.8	175.2	116.6	64.5	22.0	0.0
27.5°	308.3	244.3	180.9	120.1	66.6	22.5	0.0
25°	316.3	251.2	186.0	123.4	68.5	23.0	0.0
22.5°	323.6	257.3	190.7	126.3	70.2	23.5	0.0
20°	330.0	262.4	194.8	128.9	71.7	23.9	0.0
17.5°	335.8	267.0	198.4	131.2	73.0	24.2	0.0
15°	341.0	270.8	201.5	133.1	74.1	24.5	0.0
12.5°	345.5	274.0	204.0	134.7	74.9	24.8	0.0
10°	349.2	276.6	206.0	135.9	75.6	25.0	0.0
7.5°	352.2	278.4	207.5	136.8	76.1	25.2	0.0
5°	354.3	279.6	208.4	137.4	76.4	25.3	0.0
2.5°	355.7	280.0	208.8	137.6	76.4	25.4	0.0
0°	356.1	279.8	208.6	137.4	76.3	25.4	0.0
-2.5°	355.7	280.0	208.8	137.6	76.4	25.4	0.0
-5°	354.3	279.6	208.4	137.4	76.4	25.3	0.0
-7.5°	352.2	278.4	207.5	136.8	76.1	25.2	0.0
-10°	349.2	276.6	206.0	135.9	75.6	25.0	0.0
-12.5°	345.5	274.0	204.0	134.7	74.9	24.8	0.0
-15°	341.0	270.8	201.5	133.1	74.1	24.5	0.0
-17.5°	335.8	267.0	198.4	131.2	73.0	24.2	0.0
-20°	330.0	262.4	194.8	128.9	71.7	23.9	0.0

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REPORT NUMBER: P627577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	323.6	257.3	190.7	126.3	70.2	23.5	0.0
-25°	316.3	251.2	186.0	123.4	68.5	23.0	0.0
-27.5°	308.3	244.3	180.9	120.1	66.6	22.5	0.0
-30°	299.4	236.8	175.2	116.6	64.5	22.0	0.0
-32.5°	289.7	228.6	168.9	112.7	62.2	21.4	0.0
-35°	279.2	219.8	162.1	108.5	59.7	20.8	0.0
-37.5°	268.0	210.6	154.9	104.0	57.0	20.1	0.0
-40°	256.0	201.0	147.3	99.3	54.2	19.5	0.0
-42.5°	243.3	191.0	139.8	94.2	51.1	18.7	0.0
-45°	229.9	180.6	132.4	88.6	47.9	18.0	0.0
-47.5°	215.8	169.7	124.7	82.8	44.5	17.2	0.0
-50°	202.2	158.5	116.6	77.2	41.0	16.3	0.0
-52.5°	188.4	146.9	108.1	71.5	37.3	15.5	0.0
-55°	174.2	135.7	99.4	65.6	33.5	14.6	0.0
-57.5°	159.7	124.3	90.3	59.5	29.5	13.6	0.0
-60°	144.9	112.5	81.0	53.2	25.4	12.7	0.0
-62.5°	130.1	100.3	72.4	46.8	23.4	11.7	0.0
-65°	114.9	87.8	63.7	40.2	21.4	10.7	0.0
-67.5°	99.3	75.8	54.7	33.5	19.4	9.7	0.0
-70°	83.5	64.5	45.7	26.7	17.4	8.7	0.0
-72.5°	69.4	53.0	36.4	22.9	15.3	7.6	0.0
-75°	55.4	41.3	27.1	19.7	13.1	6.6	0.0
-77.5°	41.3	29.5	21.9	16.4	11.0	5.5	0.0
-80°	27.1	21.9	17.6	13.2	8.8	4.4	0.0
-82.5°	19.7	16.4	13.2	9.9	6.6	3.3	0.0
-85°	13.1	11.0	8.8	6.6	4.4	2.2	0.0
-87.5°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)