

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: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-727-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627975 (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-SA6E-727-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N137
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

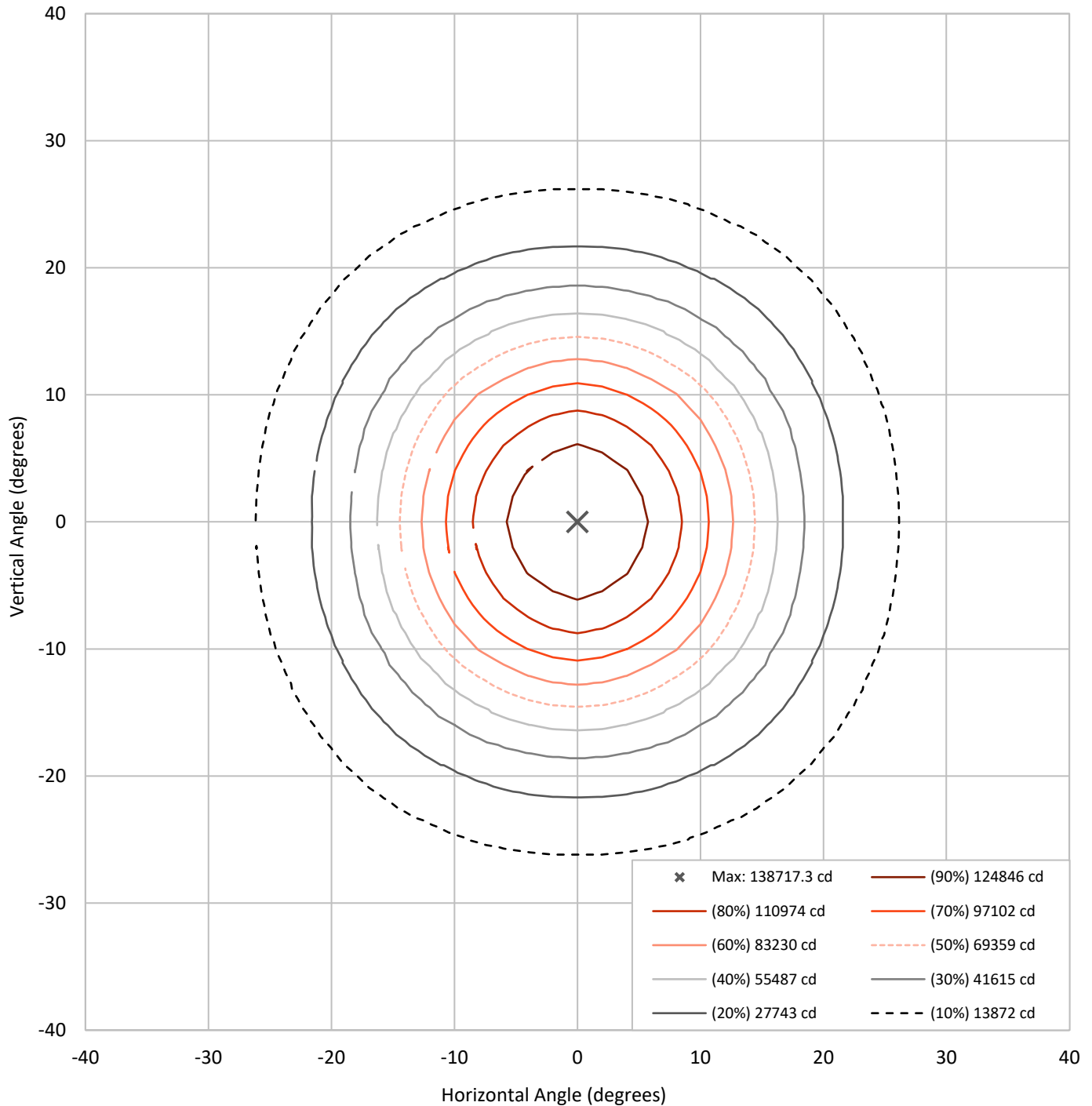
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	43340 lumens	Max Intensity:	138717.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.1 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:	21071.3 lumens	Field Lumens:	35559.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	376.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-727-U-MR-XX

Iso-Candela Plot





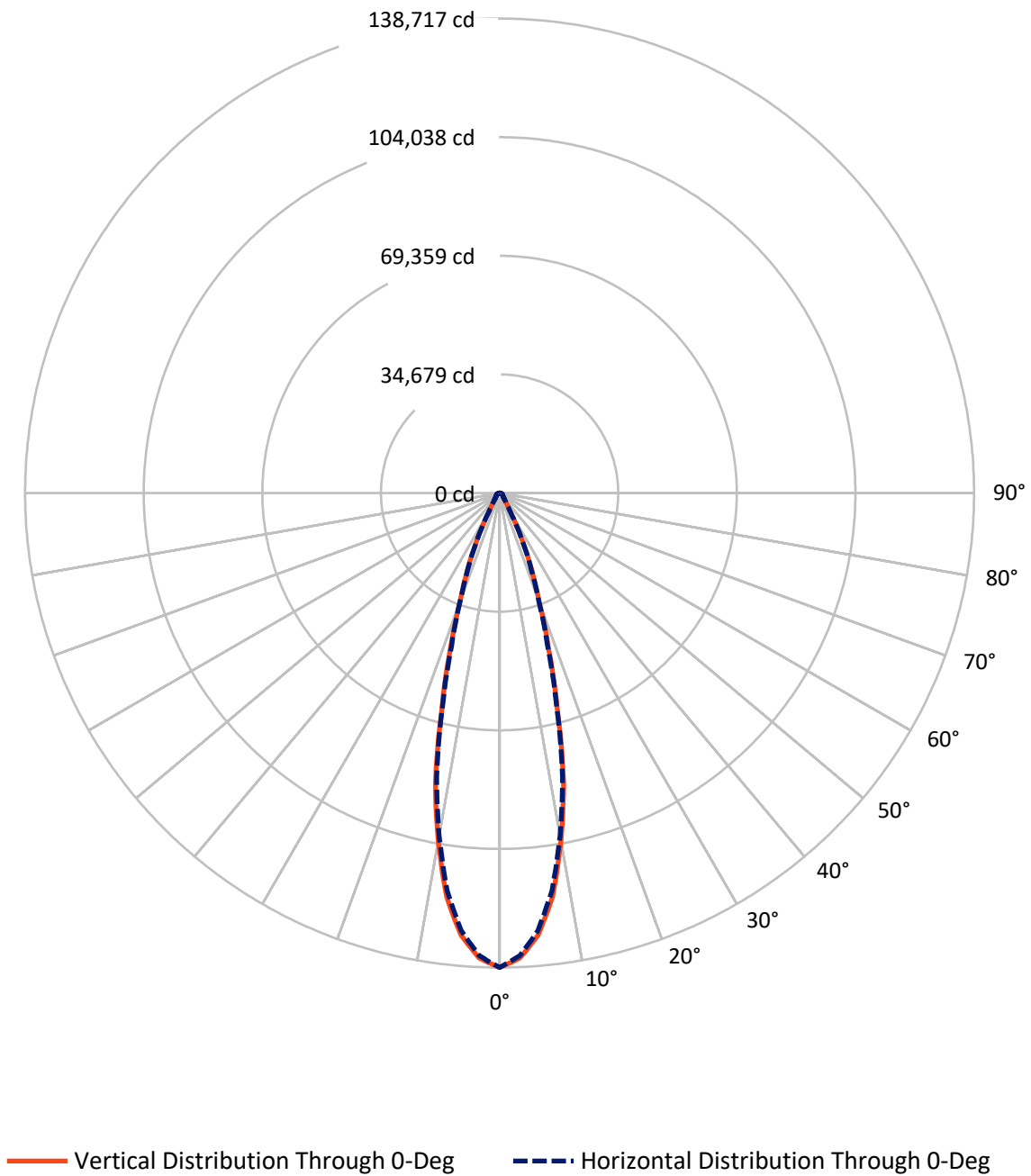
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Lumen Table

90																			
80	0.8	7.2		18.8		29.7		33.0		29.7		18.8		7.2		0.8			
70																			
60	3.2	3.7	7.5	12.2	17.1	21.0	23.4	24.6	24.6	23.4	21.0	17.1	12.2	7.5	3.7	3.2			
50		5.6	11.2	18.1	24.2	29.8	33.4	34.7	34.7	33.4	29.8	24.2	18.1	11.2	5.6				
40	5.7	7.1	14.4	22.3	29.7	37.5	44.1	47.4	47.4	44.1	37.5	29.7	22.3	14.4	7.1	5.7			
30		8.4	16.8	25.8	36.4	51.9	75.1	97.6	97.6	75.1	51.9	36.4	25.8	16.8	8.4				
20	7.3	9.4	18.4	29.0	46.6	101.3	285.3	505.9	505.9	285.3	101.3	46.6	29.0	18.4	9.4	7.3			
10		10.1	19.3	31.5	63.5	266.0	948.1	1816.7	1816.7	948.1	266.0	63.5	31.5	19.3	10.1				
0	7.9	10.5	19.7	33.2	80.6	459.2	1754.8	3451.6	3451.6	1754.8	459.2	80.6	33.2	19.7	10.5	7.9			
-10		10.5	19.7	33.2	80.6	459.2	1754.8	3451.6	3451.6	1754.8	459.2	80.6	33.2	19.7	10.5				
-20	7.3	10.1	19.3	31.5	63.5	266.0	948.1	1816.7	1816.7	948.1	266.0	63.5	31.5	19.3	10.1	7.3			
-30		9.4	18.4	29.0	46.6	101.3	285.3	505.9	505.9	285.3	101.3	46.6	29.0	18.4	9.4				
-40	5.7	8.4	16.8	25.8	36.4	51.9	75.1	97.6	97.6	75.1	51.9	36.4	25.8	16.8	8.4	5.7			
-50		7.1	14.4	22.3	29.7	37.5	44.1	47.4	47.4	44.1	37.5	29.7	22.3	14.4	7.1				
-60	3.2	5.6	11.2	18.1	24.2	29.8	33.4	34.7	34.7	33.4	29.8	24.2	18.1	11.2	5.6	3.2			
-70		3.7	7.5	12.2	17.1	21.0	23.4	24.6	24.6	23.4	21.0	17.1	12.2	7.5	3.7				
-80																			
-90	0.8	7.2		18.8		29.7		33.0		29.7		18.8		7.2		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

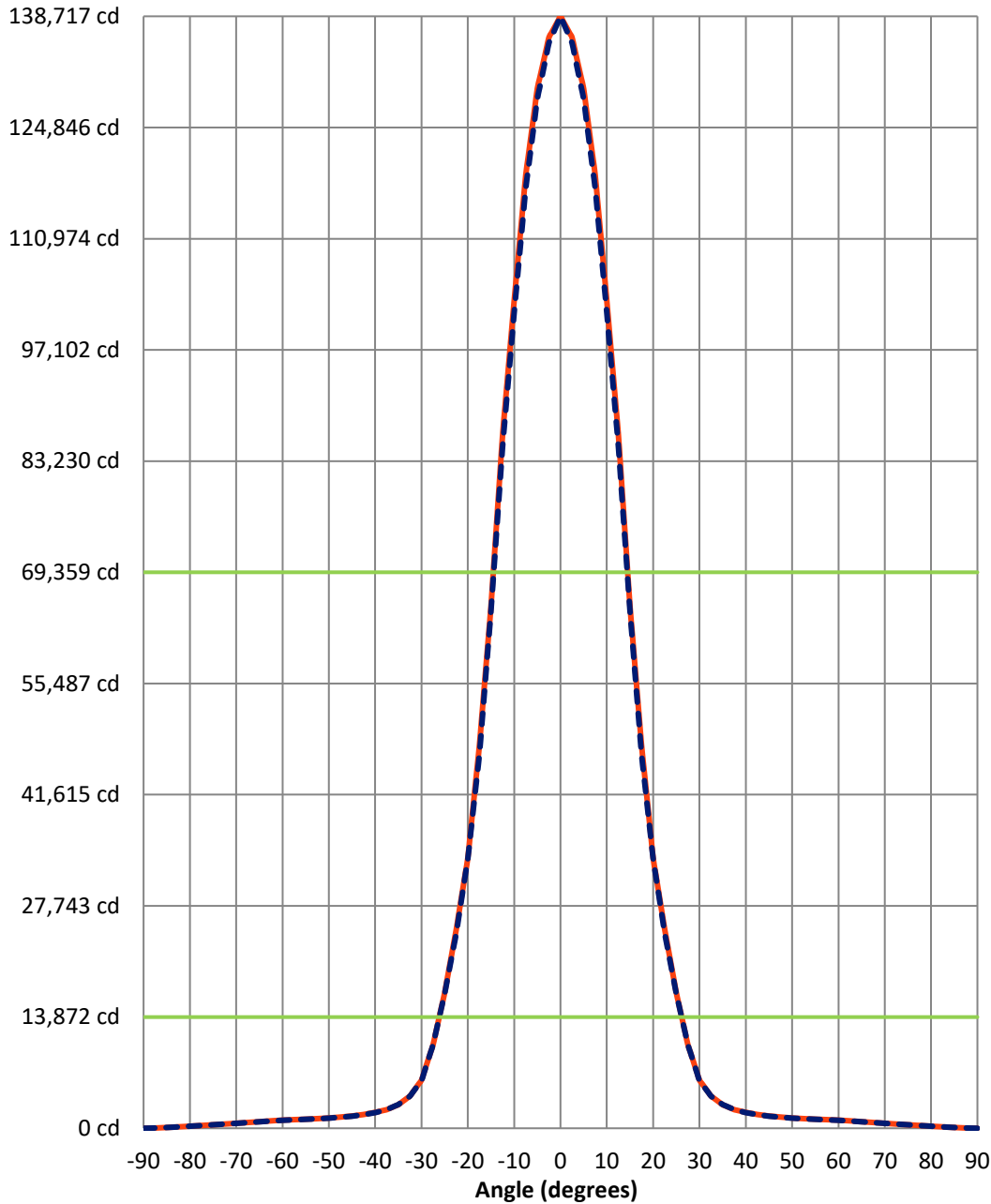
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 21071.3
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 35559.9
 Efficiency: 82.0%

Spill:
 Lumens: 7780.2
 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	1.6	3.1	4.6	6.2	7.7	9.2	10.7	12.2	13.6	15.0
85°	0.0	3.1	6.2	9.3	12.3	15.4	18.4	21.4	24.3	27.2	30.1
82.5°	0.0	4.6	9.3	13.9	18.5	23.1	27.6	32.0	37.2	45.6	54.4
80°	0.0	6.2	12.3	18.5	24.6	30.7	37.5	48.3	59.7	71.6	84.1
77.5°	0.0	7.7	15.4	23.1	30.7	40.2	53.3	67.2	81.9	97.3	114.3
75°	0.0	9.2	18.4	27.6	37.5	53.3	69.0	85.9	104.3	125.9	147.2
72.5°	0.0	10.7	21.4	32.0	47.9	66.3	84.5	105.5	130.6	155.3	179.7
70°	0.0	12.2	24.3	37.1	58.1	79.1	100.4	128.2	156.5	184.4	214.7
67.5°	0.0	13.6	27.2	44.6	68.3	91.7	119.8	150.6	182.0	216.2	249.8
65°	0.0	15.0	30.1	52.1	78.2	105.9	139.0	172.6	209.9	247.4	285.2
62.5°	0.0	16.4	32.8	59.4	87.9	121.5	157.7	195.8	237.2	278.4	321.7
60°	0.0	17.8	35.6	66.5	97.4	136.8	176.0	219.2	263.9	309.8	357.2
57.5°	0.0	19.1	40.2	73.5	109.2	151.7	195.3	242.0	290.4	340.2	392.2
55°	0.0	20.4	44.7	80.3	120.9	166.3	214.1	264.2	316.1	369.9	426.6
52.5°	0.0	21.7	49.1	86.9	132.2	180.5	232.2	285.8	340.8	399.9	459.9
50°	0.0	22.9	53.3	93.2	143.1	194.9	249.5	306.6	365.1	429.0	490.8
47.5°	0.0	24.0	57.4	99.8	153.6	208.6	266.2	326.7	389.9	457.0	520.1
45°	0.0	25.2	61.3	107.4	163.8	221.7	282.7	346.1	414.0	481.7	547.7
42.5°	0.0	26.2	65.1	114.7	173.5	234.1	298.5	365.3	436.7	505.0	573.2
40°	0.0	27.3	68.7	121.5	182.8	245.8	313.6	384.0	457.6	526.9	597.2
37.5°	0.0	28.2	72.1	127.9	191.7	256.9	327.9	401.6	476.2	547.9	619.9
35°	0.0	29.2	75.3	133.8	200.0	267.8	341.4	417.9	493.6	567.6	641.2
32.5°	0.0	30.0	78.3	139.4	207.8	278.3	354.1	433.0	510.0	586.2	661.9
30°	0.0	30.8	81.2	144.4	214.9	288.0	366.2	446.7	525.2	603.3	681.2
27.5°	0.0	31.6	83.8	149.0	221.4	297.0	377.2	458.9	539.1	619.2	698.9
25°	0.0	32.3	86.2	153.1	227.4	305.3	387.1	469.9	551.9	633.6	715.2
22.5°	0.0	32.9	88.4	156.8	233.0	312.7	396.0	479.9	563.3	646.6	731.4
20°	0.0	33.5	90.4	160.0	238.0	319.2	403.8	488.7	573.5	658.2	745.9
17.5°	0.0	34.0	92.1	162.7	242.6	324.8	410.8	496.3	582.3	668.2	758.5
15°	0.0	34.4	93.6	165.0	246.6	329.4	417.3	503.4	589.8	676.7	769.2
12.5°	0.0	34.8	94.9	166.8	250.1	333.0	422.9	510.1	596.8	683.6	778.0
10°	0.0	35.1	96.0	168.2	252.9	335.8	427.6	515.5	603.1	691.9	786.2
7.5°	0.0	35.3	96.8	169.1	255.2	337.7	431.3	519.8	608.0	699.3	795.1
5°	0.0	35.5	97.4	169.5	256.9	338.8	434.1	522.9	611.6	705.2	802.2
2.5°	0.0	35.6	97.8	169.6	257.9	339.0	435.7	524.7	613.7	709.6	807.2
0°	0.0	35.6	97.9	169.2	258.2	338.4	436.3	525.3	614.4	712.3	810.3
-2.5°	0.0	35.6	97.8	169.6	257.9	339.0	435.7	524.7	613.7	709.6	807.2
-5°	0.0	35.5	97.4	169.5	256.9	338.8	434.1	522.9	611.6	705.2	802.2
-7.5°	0.0	35.3	96.8	169.1	255.2	337.7	431.3	519.8	608.0	699.3	795.1
-10°	0.0	35.1	96.0	168.2	252.9	335.8	427.6	515.5	603.1	691.9	786.2
-12.5°	0.0	34.8	94.9	166.8	250.1	333.0	422.9	510.1	596.8	683.6	778.0
-15°	0.0	34.4	93.6	165.0	246.6	329.4	417.3	503.4	589.8	676.7	769.2
-17.5°	0.0	34.0	92.1	162.7	242.6	324.8	410.8	496.3	582.3	668.2	758.5
-20°	0.0	33.5	90.4	160.0	238.0	319.2	403.8	488.7	573.5	658.2	745.9

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CATALOG NUMBER: GFLD-SA6E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	32.9	88.4	156.8	233.0	312.7	396.0	479.9	563.3	646.6	731.4
-25°	0.0	32.3	86.2	153.1	227.4	305.3	387.1	469.9	551.9	633.6	715.2
-27.5°	0.0	31.6	83.8	149.0	221.4	297.0	377.2	458.9	539.1	619.2	698.9
-30°	0.0	30.8	81.2	144.4	214.9	288.0	366.2	446.7	525.2	603.3	681.2
-32.5°	0.0	30.0	78.3	139.4	207.8	278.3	354.1	433.0	510.0	586.2	661.9
-35°	0.0	29.2	75.3	133.8	200.0	267.8	341.4	417.9	493.6	567.6	641.2
-37.5°	0.0	28.2	72.1	127.9	191.7	256.9	327.9	401.6	476.2	547.9	619.9
-40°	0.0	27.3	68.7	121.5	182.8	245.8	313.6	384.0	457.6	526.9	597.2
-42.5°	0.0	26.2	65.1	114.7	173.5	234.1	298.5	365.3	436.7	505.0	573.2
-45°	0.0	25.2	61.3	107.4	163.8	221.7	282.7	346.1	414.0	481.7	547.7
-47.5°	0.0	24.0	57.4	99.8	153.6	208.6	266.2	326.7	389.9	457.0	520.1
-50°	0.0	22.9	53.3	93.2	143.1	194.9	249.5	306.6	365.1	429.0	490.8
-52.5°	0.0	21.7	49.1	86.9	132.2	180.5	232.2	285.8	340.8	399.9	459.9
-55°	0.0	20.4	44.7	80.3	120.9	166.3	214.1	264.2	316.1	369.9	426.6
-57.5°	0.0	19.1	40.2	73.5	109.2	151.7	195.3	242.0	290.4	340.2	392.2
-60°	0.0	17.8	35.6	66.5	97.4	136.8	176.0	219.2	263.9	309.8	357.2
-62.5°	0.0	16.4	32.8	59.4	87.9	121.5	157.7	195.8	237.2	278.4	321.7
-65°	0.0	15.0	30.1	52.1	78.2	105.9	139.0	172.6	209.9	247.4	285.2
-67.5°	0.0	13.6	27.2	44.6	68.3	91.7	119.8	150.6	182.0	216.2	249.8
-70°	0.0	12.2	24.3	37.1	58.1	79.1	100.4	128.2	156.5	184.4	214.7
-72.5°	0.0	10.7	21.4	32.0	47.9	66.3	84.5	105.5	130.6	155.3	179.7
-75°	0.0	9.2	18.4	27.6	37.5	53.3	69.0	85.9	104.3	125.9	147.2
-77.5°	0.0	7.7	15.4	23.1	30.7	40.2	53.3	67.2	81.9	97.3	114.3
-80°	0.0	6.2	12.3	18.5	24.6	30.7	37.5	48.3	59.7	71.6	84.1
-82.5°	0.0	4.6	9.3	13.9	18.5	23.1	27.6	32.0	37.2	45.6	54.4
-85°	0.0	3.1	6.2	9.3	12.3	15.4	18.4	21.4	24.3	27.2	30.1
-87.5°	0.0	1.6	3.1	4.6	6.2	7.7	9.2	10.7	12.2	13.6	15.0
-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°	16.4	17.8	19.1	20.4	21.7	22.9	24.0	25.2	26.2	27.3	28.2
85°	32.8	35.6	40.8	46.0	51.0	55.9	60.5	65.0	69.3	73.4	77.3
82.5°	62.8	71.0	78.9	86.7	94.2	101.5	108.5	115.2	121.7	127.9	133.7
80°	95.4	106.3	117.2	127.3	137.3	147.0	156.3	165.4	174.0	183.2	193.0
77.5°	129.9	143.8	156.5	168.1	180.6	195.8	210.4	224.5	238.0	250.9	263.1
75°	165.5	181.3	198.7	215.9	233.8	252.0	269.7	286.7	303.3	320.3	337.3
72.5°	202.9	224.4	245.4	265.8	288.3	310.5	330.8	349.3	370.3	393.3	414.5
70°	242.5	267.4	293.8	320.1	345.6	370.3	395.4	420.7	446.3	471.1	494.8
67.5°	282.4	313.7	344.3	374.0	403.0	432.5	462.3	492.9	522.4	550.5	577.9
65°	324.9	359.9	394.0	427.3	459.6	495.6	531.0	565.1	602.4	637.0	667.0
62.5°	366.2	405.3	443.1	480.7	520.0	559.9	600.8	643.7	688.1	720.1	747.7
60°	405.9	450.0	492.1	535.3	579.1	624.1	671.2	716.9	757.5	792.4	821.5
57.5°	444.7	494.1	540.8	587.7	635.5	686.6	738.5	785.2	823.0	856.7	888.5
55°	482.3	537.1	586.7	636.6	691.0	751.0	804.0	846.2	884.9	912.7	943.2
52.5°	518.1	576.7	628.6	684.5	746.7	808.9	861.7	902.7	935.1	964.0	993.7
50°	552.3	611.3	668.9	732.4	798.1	860.5	914.0	951.6	984.3	1014.3	1042.9
47.5°	583.3	644.6	709.7	777.6	846.3	907.9	959.1	997.6	1031.4	1062.3	1093.7
45°	612.5	678.4	747.6	822.0	892.4	953.4	1000.1	1041.3	1073.8	1108.6	1148.0
42.5°	640.4	710.8	786.0	865.3	937.1	993.0	1038.2	1077.7	1115.2	1157.0	1200.9
40°	667.9	741.2	822.5	905.8	979.0	1027.5	1072.7	1114.6	1157.8	1205.2	1253.1
37.5°	693.5	772.2	856.6	943.5	1009.8	1060.1	1106.9	1153.6	1202.1	1253.1	1312.7
35°	717.0	800.8	889.3	973.3	1037.0	1091.8	1141.9	1192.6	1247.0	1309.3	1374.9
32.5°	740.0	826.8	919.7	998.5	1061.8	1120.3	1175.6	1233.0	1295.2	1363.7	1438.8
30°	762.5	852.3	946.3	1024.2	1083.8	1143.7	1208.7	1272.5	1341.6	1417.8	1505.9
27.5°	784.3	875.8	968.5	1044.3	1103.2	1164.1	1233.8	1311.3	1386.9	1470.4	1572.5
25°	804.4	900.0	990.5	1060.3	1119.8	1183.7	1256.4	1339.0	1427.9	1527.1	1652.2
22.5°	823.3	921.9	1011.3	1073.8	1133.7	1200.8	1279.0	1366.3	1463.0	1577.9	1730.8
20°	841.0	939.0	1025.2	1086.4	1145.2	1214.5	1298.5	1390.5	1500.9	1640.2	1823.0
17.5°	856.5	953.5	1034.7	1096.6	1157.3	1228.6	1315.2	1410.9	1535.0	1695.1	1911.5
15°	869.7	965.3	1043.0	1104.5	1167.5	1243.1	1332.3	1436.5	1572.4	1748.9	1987.9
12.5°	880.6	974.5	1049.9	1110.1	1175.5	1253.8	1346.8	1461.3	1609.8	1807.6	2090.9
10°	889.2	981.2	1055.3	1113.7	1181.1	1260.9	1358.2	1480.5	1640.0	1856.6	2179.1
7.5°	897.5	987.2	1059.2	1115.1	1184.4	1264.4	1366.1	1494.1	1662.2	1893.5	2249.5
5°	903.5	992.8	1061.5	1118.5	1186.5	1266.0	1371.5	1502.0	1676.0	1917.7	2299.2
2.5°	907.1	996.2	1061.5	1121.0	1186.6	1266.7	1377.9	1506.4	1691.4	1938.2	2327.5
0°	908.2	997.3	1059.6	1121.9	1184.2	1264.4	1380.1	1504.8	1700.7	1950.0	2332.9
-2.5°	907.1	996.2	1061.5	1121.0	1186.6	1266.7	1377.9	1506.4	1691.4	1938.2	2327.5
-5°	903.5	992.8	1061.5	1118.5	1186.5	1266.0	1371.5	1502.0	1676.0	1917.7	2299.2
-7.5°	897.5	987.2	1059.2	1115.1	1184.4	1264.4	1366.1	1494.1	1662.2	1893.5	2249.5
-10°	889.2	981.2	1055.3	1113.7	1181.1	1260.9	1358.2	1480.5	1640.0	1856.6	2179.1
-12.5°	880.6	974.5	1049.9	1110.1	1175.5	1253.8	1346.8	1461.3	1609.8	1807.6	2090.9
-15°	869.7	965.3	1043.0	1104.5	1167.5	1243.1	1332.3	1436.5	1572.4	1748.9	1987.9
-17.5°	856.5	953.5	1034.7	1096.6	1157.3	1228.6	1315.2	1410.9	1535.0	1695.1	1911.5
-20°	841.0	939.0	1025.2	1086.4	1145.2	1214.5	1298.5	1390.5	1500.9	1640.2	1823.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	823.3	921.9	1011.3	1073.8	1133.7	1200.8	1279.0	1366.3	1463.0	1577.9	1730.8
-25°	804.4	900.0	990.5	1060.3	1119.8	1183.7	1256.4	1339.0	1427.9	1527.1	1652.2
-27.5°	784.3	875.8	968.5	1044.3	1103.2	1164.1	1233.8	1311.3	1386.9	1470.4	1572.5
-30°	762.5	852.3	946.3	1024.2	1083.8	1143.7	1208.7	1272.5	1341.6	1417.8	1505.9
-32.5°	740.0	826.8	919.7	998.5	1061.8	1120.3	1175.6	1233.0	1295.2	1363.7	1438.8
-35°	717.0	800.8	889.3	973.3	1037.0	1091.8	1141.9	1192.6	1247.0	1309.3	1374.9
-37.5°	693.5	772.2	856.6	943.5	1009.8	1060.1	1106.9	1153.6	1202.1	1253.1	1312.7
-40°	667.9	741.2	822.5	905.8	979.0	1027.5	1072.7	1114.6	1157.8	1205.2	1253.1
-42.5°	640.4	710.8	786.0	865.3	937.1	993.0	1038.2	1077.7	1115.2	1157.0	1200.9
-45°	612.5	678.4	747.6	822.0	892.4	953.4	1000.1	1041.3	1073.8	1108.6	1148.0
-47.5°	583.3	644.6	709.7	777.6	846.3	907.9	959.1	997.6	1031.4	1062.3	1093.7
-50°	552.3	611.3	668.9	732.4	798.1	860.5	914.0	951.6	984.3	1014.3	1042.9
-52.5°	518.1	576.7	628.6	684.5	746.7	808.9	861.7	902.7	935.1	964.0	993.7
-55°	482.3	537.1	586.7	636.6	691.0	751.0	804.0	846.2	884.9	912.7	943.2
-57.5°	444.7	494.1	540.8	587.7	635.5	686.6	738.5	785.2	823.0	856.7	888.5
-60°	405.9	450.0	492.1	535.3	579.1	624.1	671.2	716.9	757.5	792.4	821.5
-62.5°	366.2	405.3	443.1	480.7	520.0	559.9	600.8	643.7	688.1	720.1	747.7
-65°	324.9	359.9	394.0	427.3	459.6	495.6	531.0	565.1	602.4	637.0	667.0
-67.5°	282.4	313.7	344.3	374.0	403.0	432.5	462.3	492.9	522.4	550.5	577.9
-70°	242.5	267.4	293.8	320.1	345.6	370.3	395.4	420.7	446.3	471.1	494.8
-72.5°	202.9	224.4	245.4	265.8	288.3	310.5	330.8	349.3	370.3	393.3	414.5
-75°	165.5	181.3	198.7	215.9	233.8	252.0	269.7	286.7	303.3	320.3	337.3
-77.5°	129.9	143.8	156.5	168.1	180.6	195.8	210.4	224.5	238.0	250.9	263.1
-80°	95.4	106.3	117.2	127.3	137.3	147.0	156.3	165.4	174.0	183.2	193.0
-82.5°	62.8	71.0	78.9	86.7	94.2	101.5	108.5	115.2	121.7	127.9	133.7
-85°	32.8	35.6	40.8	46.0	51.0	55.9	60.5	65.0	69.3	73.4	77.3
-87.5°	16.4	17.8	19.1	20.4	21.7	22.9	24.0	25.2	26.2	27.3	28.2
-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: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	29.2	30.0	30.8	31.6	32.3	32.9	33.5	34.0	34.4	34.8	35.1
85°	81.0	84.5	87.7	90.7	93.4	94.1	94.3	94.2	93.7	94.9	96.0
82.5°	139.3	145.5	151.8	158.1	164.2	166.5	168.1	169.3	170.0	172.4	174.4
80°	202.2	212.1	221.2	229.4	236.7	241.9	246.6	250.9	254.9	256.7	257.6
77.5°	275.4	287.4	298.6	309.0	318.6	326.2	332.3	337.2	341.0	343.5	345.1
75°	354.2	369.3	382.8	395.3	406.9	414.9	420.5	424.6	427.4	430.4	432.8
72.5°	433.7	450.9	466.9	482.0	495.3	504.6	511.1	516.4	520.3	523.3	524.8
70°	517.3	538.0	555.6	570.7	582.6	591.6	598.6	604.3	608.6	611.6	613.1
67.5°	603.9	625.9	642.5	655.7	666.4	675.9	684.6	691.0	695.3	699.6	704.1
65°	692.1	714.5	731.5	745.5	756.8	769.0	780.2	788.5	794.1	799.1	804.2
62.5°	775.1	800.5	820.1	838.4	857.0	874.5	884.7	892.6	898.1	903.1	908.9
60°	850.5	879.2	903.2	925.4	948.1	970.9	980.3	987.7	994.6	1001.1	1007.0
57.5°	917.4	947.9	977.1	999.1	1020.8	1042.1	1056.8	1064.9	1070.3	1073.3	1075.7
55°	975.6	1006.2	1035.3	1060.7	1084.2	1106.0	1122.4	1130.3	1136.1	1139.9	1142.1
52.5°	1027.8	1060.5	1091.7	1119.7	1145.1	1168.7	1189.2	1200.0	1208.8	1215.0	1217.1
50°	1079.0	1114.4	1148.1	1178.1	1207.7	1236.0	1262.0	1277.0	1287.6	1294.1	1296.2
47.5°	1132.5	1170.9	1207.4	1242.3	1275.9	1309.4	1340.1	1360.6	1375.9	1387.1	1395.1
45°	1188.3	1229.6	1269.9	1311.1	1349.7	1392.8	1431.8	1461.7	1483.8	1503.0	1518.3
42.5°	1244.4	1290.8	1337.1	1390.1	1442.8	1491.8	1538.2	1577.9	1614.1	1649.5	1677.1
40°	1305.3	1356.1	1419.5	1482.3	1547.3	1604.4	1672.0	1732.7	1788.3	1848.4	1898.1
37.5°	1372.0	1437.3	1512.3	1587.5	1672.1	1754.1	1848.7	1941.8	2022.7	2128.0	2212.4
35°	1444.6	1527.3	1615.8	1716.8	1825.9	1954.6	2086.9	2242.1	2373.8	2541.1	2695.5
32.5°	1525.4	1622.7	1737.6	1876.4	2023.6	2230.3	2424.2	2687.3	2912.2	3202.4	3519.4
30°	1607.6	1733.3	1889.8	2069.0	2318.0	2611.3	2953.2	3398.1	3879.2	4377.0	5047.2
27.5°	1705.1	1868.4	2063.7	2340.4	2712.8	3118.8	3815.5	4567.8	5615.7	6445.4	7922.9
25°	1810.1	2012.2	2300.6	2701.8	3216.4	4038.1	5214.1	6575.8	8672.7	10537.9	12681.4
22.5°	1934.4	2208.9	2590.9	3116.2	4013.3	5426.9	7262.5	10058.9	13167.4	16235.4	19039.6
20°	2066.1	2397.7	2931.7	3787.4	5174.0	7218.0	10492.9	14488.7	18615.4	22820.1	26363.4
17.5°	2219.8	2670.1	3373.6	4510.1	6488.2	9987.9	14362.1	19443.0	24834.4	30199.7	34860.1
15°	2352.0	2908.3	3855.7	5557.8	8507.7	12885.1	18261.3	24678.1	31458.1	38421.1	45967.7
12.5°	2520.5	3195.4	4352.3	6424.1	10299.5	15989.0	22567.2	30017.4	38296.7	47541.9	59306.9
10°	2675.2	3496.4	5005.6	7812.0	12453.3	18888.5	26286.7	34739.2	45478.1	59371.2	73562.6
7.5°	2799.1	3735.2	5512.2	8895.0	14259.5	21365.5	29635.7	39769.8	53167.5	69711.1	85925.7
5°	2885.3	3900.7	5874.7	9713.4	15712.5	23258.5	32012.3	43478.3	59648.8	78174.7	94731.0
2.5°	2939.5	3991.2	6052.2	10199.2	16660.3	24397.6	33495.1	45835.1	63621.2	83562.4	100325.1
0°	2965.1	4006.9	5939.0	10435.6	16793.2	24317.2	33630.9	46622.0	64563.8	85025.5	101720.7
-2.5°	2939.5	3991.2	6052.2	10199.2	16660.3	24397.6	33495.1	45835.1	63621.2	83562.4	100325.1
-5°	2885.3	3900.7	5874.7	9713.4	15712.5	23258.5	32012.3	43478.3	59648.8	78174.7	94731.0
-7.5°	2799.1	3735.2	5512.2	8895.0	14259.5	21365.5	29635.7	39769.8	53167.5	69711.1	85925.7
-10°	2675.2	3496.4	5005.6	7812.0	12453.3	18888.5	26286.7	34739.2	45478.1	59371.2	73562.6
-12.5°	2520.5	3195.4	4352.3	6424.1	10299.5	15989.0	22567.2	30017.4	38296.7	47541.9	59306.9
-15°	2352.0	2908.3	3855.7	5557.8	8507.7	12885.1	18261.3	24678.1	31458.1	38421.1	45967.7
-17.5°	2219.8	2670.1	3373.6	4510.1	6488.2	9987.9	14362.1	19443.0	24834.4	30199.7	34860.1
-20°	2066.1	2397.7	2931.7	3787.4	5174.0	7218.0	10492.9	14488.7	18615.4	22820.1	26363.4



REPORT NUMBER: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1934.4	2208.9	2590.9	3116.2	4013.3	5426.9	7262.5	10058.9	13167.4	16235.4	19039.6
-25°	1810.1	2012.2	2300.6	2701.8	3216.4	4038.1	5214.1	6575.8	8672.7	10537.9	12681.4
-27.5°	1705.1	1868.4	2063.7	2340.4	2712.8	3118.8	3815.5	4567.8	5615.7	6445.4	7922.9
-30°	1607.6	1733.3	1889.8	2069.0	2318.0	2611.3	2953.2	3398.1	3879.2	4377.0	5047.2
-32.5°	1525.4	1622.7	1737.6	1876.4	2023.6	2230.3	2424.2	2687.3	2912.2	3202.4	3519.4
-35°	1444.6	1527.3	1615.8	1716.8	1825.9	1954.6	2086.9	2242.1	2373.8	2541.1	2695.5
-37.5°	1372.0	1437.3	1512.3	1587.5	1672.1	1754.1	1848.7	1941.8	2022.7	2128.0	2212.4
-40°	1305.3	1356.1	1419.5	1482.3	1547.3	1604.4	1672.0	1732.7	1788.3	1848.4	1898.1
-42.5°	1244.4	1290.8	1337.1	1390.1	1442.8	1491.8	1538.2	1577.9	1614.1	1649.5	1677.1
-45°	1188.3	1229.6	1269.9	1311.1	1349.7	1392.8	1431.8	1461.7	1483.8	1503.0	1518.3
-47.5°	1132.5	1170.9	1207.4	1242.3	1275.9	1309.4	1340.1	1360.6	1375.9	1387.1	1395.1
-50°	1079.0	1114.4	1148.1	1178.1	1207.7	1236.0	1262.0	1277.0	1287.6	1294.1	1296.2
-52.5°	1027.8	1060.5	1091.7	1119.7	1145.1	1168.7	1189.2	1200.0	1208.8	1215.0	1217.1
-55°	975.6	1006.2	1035.3	1060.7	1084.2	1106.0	1122.4	1130.3	1136.1	1139.9	1142.1
-57.5°	917.4	947.9	977.1	999.1	1020.8	1042.1	1056.8	1064.9	1070.3	1073.3	1075.7
-60°	850.5	879.2	903.2	925.4	948.1	970.9	980.3	987.7	994.6	1001.1	1007.0
-62.5°	775.1	800.5	820.1	838.4	857.0	874.5	884.7	892.6	898.1	903.1	908.9
-65°	692.1	714.5	731.5	745.5	756.8	769.0	780.2	788.5	794.1	799.1	804.2
-67.5°	603.9	625.9	642.5	655.7	666.4	675.9	684.6	691.0	695.3	699.6	704.1
-70°	517.3	538.0	555.6	570.7	582.6	591.6	598.6	604.3	608.6	611.6	613.1
-72.5°	433.7	450.9	466.9	482.0	495.3	504.6	511.1	516.4	520.3	523.3	524.8
-75°	354.2	369.3	382.8	395.3	406.9	414.9	420.5	424.6	427.4	430.4	432.8
-77.5°	275.4	287.4	298.6	309.0	318.6	326.2	332.3	337.2	341.0	343.5	345.1
-80°	202.2	212.1	221.2	229.4	236.7	241.9	246.6	250.9	254.9	256.7	257.6
-82.5°	139.3	145.5	151.8	158.1	164.2	166.5	168.1	169.3	170.0	172.4	174.4
-85°	81.0	84.5	87.7	90.7	93.4	94.1	94.3	94.2	93.7	94.9	96.0
-87.5°	29.2	30.0	30.8	31.6	32.3	32.9	33.5	34.0	34.4	34.8	35.1
-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: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	35.3	35.5	35.6	35.6	35.6	35.5	35.3	35.1	34.8	34.4	34.0
85°	96.8	97.4	97.8	97.9	97.8	97.4	96.8	96.0	94.9	93.7	94.2
82.5°	176.0	177.2	177.9	178.1	177.9	177.2	176.0	174.4	172.4	170.0	169.3
80°	257.7	257.0	257.9	258.2	257.9	257.0	257.7	257.6	256.7	254.9	250.9
77.5°	345.8	345.7	346.9	347.3	346.9	345.7	345.8	345.1	343.5	341.0	337.2
75°	434.1	434.4	435.8	436.3	435.8	434.4	434.1	432.8	430.4	427.4	424.6
72.5°	524.8	523.3	524.7	525.3	524.7	523.3	524.8	524.8	523.3	520.3	516.4
70°	613.3	612.1	617.8	623.3	617.8	612.1	613.3	613.1	611.6	608.6	604.3
67.5°	707.3	709.1	715.5	721.2	715.5	709.1	707.3	704.1	699.6	695.3	691.0
65°	806.9	807.2	813.3	819.2	813.3	807.2	806.9	804.2	799.1	794.1	788.5
62.5°	912.3	913.4	919.8	926.0	919.8	913.4	912.3	908.9	903.1	898.1	892.6
60°	1010.5	1011.5	1013.9	1015.1	1013.9	1011.5	1010.5	1007.0	1001.1	994.6	987.7
57.5°	1076.5	1075.6	1076.5	1077.4	1076.5	1075.6	1076.5	1075.7	1073.3	1070.3	1064.9
55°	1141.7	1138.8	1135.3	1130.8	1135.3	1138.8	1141.7	1142.1	1139.9	1136.1	1130.3
52.5°	1215.5	1210.8	1206.5	1202.1	1206.5	1210.8	1215.5	1217.1	1215.0	1208.8	1200.0
50°	1294.9	1290.6	1286.5	1282.2	1286.5	1290.6	1294.9	1296.2	1294.1	1287.6	1277.0
47.5°	1400.7	1402.5	1401.7	1397.9	1401.7	1402.5	1400.7	1395.1	1387.1	1375.9	1360.6
45°	1529.1	1534.3	1534.9	1531.5	1534.9	1534.3	1529.1	1518.3	1503.0	1483.8	1461.7
42.5°	1696.7	1707.9	1714.2	1718.5	1714.2	1707.9	1696.7	1677.1	1649.5	1614.1	1577.9
40°	1934.3	1957.3	1971.9	1985.6	1971.9	1957.3	1934.3	1898.1	1848.4	1788.3	1732.7
37.5°	2275.0	2316.8	2335.5	2324.0	2335.5	2316.8	2275.0	2212.4	2128.0	2022.7	1941.8
35°	2814.4	2893.7	2935.0	2938.4	2935.0	2893.7	2814.4	2695.5	2541.1	2373.8	2242.1
32.5°	3753.7	3916.1	4003.5	4015.8	4003.5	3916.1	3753.7	3519.4	3202.4	2912.2	2687.3
30°	5560.2	5891.5	6047.2	6010.3	6047.2	5891.5	5560.2	5047.2	4377.0	3879.2	3398.1
27.5°	9071.5	9898.0	10387.8	10426.7	10387.8	9898.0	9071.5	7922.9	6445.4	5615.7	4567.8
25°	14580.0	15990.9	16894.4	16908.9	16894.4	15990.9	14580.0	12681.4	10537.9	8672.7	6575.8
22.5°	21632.6	23558.6	24613.8	24798.0	24613.8	23558.6	21632.6	19039.6	16235.4	13167.4	10058.9
20°	29803.4	32365.4	33736.1	33737.7	33736.1	32365.4	29803.4	26363.4	22820.1	18615.4	14488.7
17.5°	39866.1	44026.1	46637.6	47761.7	46637.6	44026.1	39866.1	34860.1	30199.7	24834.4	19443.0
15°	53234.5	60225.3	64414.3	65169.3	64414.3	60225.3	53234.5	45967.7	38421.1	31458.1	24678.1
12.5°	69512.1	78359.1	84306.1	86485.7	84306.1	78359.1	69512.1	59306.9	47541.9	38296.7	30017.4
10°	86507.2	94704.5	101075.6	103216.6	101075.6	94704.5	86507.2	73562.6	59371.2	45478.1	34739.2
7.5°	98784.9	108559.8	115736.4	118887.8	115736.4	108559.8	98784.9	85925.7	69711.1	53167.5	39769.8
5°	108476.8	120043.0	126723.6	129688.5	126723.6	120043.0	108476.8	94731.0	78174.7	59648.8	43478.3
2.5°	114836.0	126264.5	133338.8	136072.8	133338.8	126264.5	114836.0	100325.1	83562.4	63621.2	45835.1
0°	117213.9	128388.5	135378.3	138717.3	135378.3	128388.5	117213.9	101720.7	85025.5	64563.8	46622.0
-2.5°	114836.0	126264.5	133338.8	136072.8	133338.8	126264.5	114836.0	100325.1	83562.4	63621.2	45835.1
-5°	108476.8	120043.0	126723.6	129688.5	126723.6	120043.0	108476.8	94731.0	78174.7	59648.8	43478.3
-7.5°	98784.9	108559.8	115736.4	118887.8	115736.4	108559.8	98784.9	85925.7	69711.1	53167.5	39769.8
-10°	86507.2	94704.5	101075.6	103216.6	101075.6	94704.5	86507.2	73562.6	59371.2	45478.1	34739.2
-12.5°	69512.1	78359.1	84306.1	86485.7	84306.1	78359.1	69512.1	59306.9	47541.9	38296.7	30017.4
-15°	53234.5	60225.3	64414.3	65169.3	64414.3	60225.3	53234.5	45967.7	38421.1	31458.1	24678.1
-17.5°	39866.1	44026.1	46637.6	47761.7	46637.6	44026.1	39866.1	34860.1	30199.7	24834.4	19443.0
-20°	29803.4	32365.4	33736.1	33737.7	33736.1	32365.4	29803.4	26363.4	22820.1	18615.4	14488.7



REPORT NUMBER: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	21632.6	23558.6	24613.8	24798.0	24613.8	23558.6	21632.6	19039.6	16235.4	13167.4	10058.9
-25°	14580.0	15990.9	16894.4	16908.9	16894.4	15990.9	14580.0	12681.4	10537.9	8672.7	6575.8
-27.5°	9071.5	9898.0	10387.8	10426.7	10387.8	9898.0	9071.5	7922.9	6445.4	5615.7	4567.8
-30°	5560.2	5891.5	6047.2	6010.3	6047.2	5891.5	5560.2	5047.2	4377.0	3879.2	3398.1
-32.5°	3753.7	3916.1	4003.5	4015.8	4003.5	3916.1	3753.7	3519.4	3202.4	2912.2	2687.3
-35°	2814.4	2893.7	2935.0	2938.4	2935.0	2893.7	2814.4	2695.5	2541.1	2373.8	2242.1
-37.5°	2275.0	2316.8	2335.5	2324.0	2335.5	2316.8	2275.0	2212.4	2128.0	2022.7	1941.8
-40°	1934.3	1957.3	1971.9	1985.6	1971.9	1957.3	1934.3	1898.1	1848.4	1788.3	1732.7
-42.5°	1696.7	1707.9	1714.2	1718.5	1714.2	1707.9	1696.7	1677.1	1649.5	1614.1	1577.9
-45°	1529.1	1534.3	1534.9	1531.5	1534.9	1534.3	1529.1	1518.3	1503.0	1483.8	1461.7
-47.5°	1400.7	1402.5	1401.7	1397.9	1401.7	1402.5	1400.7	1395.1	1387.1	1375.9	1360.6
-50°	1294.9	1290.6	1286.5	1282.2	1286.5	1290.6	1294.9	1296.2	1294.1	1287.6	1277.0
-52.5°	1215.5	1210.8	1206.5	1202.1	1206.5	1210.8	1215.5	1217.1	1215.0	1208.8	1200.0
-55°	1141.7	1138.8	1135.3	1130.8	1135.3	1138.8	1141.7	1142.1	1139.9	1136.1	1130.3
-57.5°	1076.5	1075.6	1076.5	1077.4	1076.5	1075.6	1076.5	1075.7	1073.3	1070.3	1064.9
-60°	1010.5	1011.5	1013.9	1015.1	1013.9	1011.5	1010.5	1007.0	1001.1	994.6	987.7
-62.5°	912.3	913.4	919.8	926.0	919.8	913.4	912.3	908.9	903.1	898.1	892.6
-65°	806.9	807.2	813.3	819.2	813.3	807.2	806.9	804.2	799.1	794.1	788.5
-67.5°	707.3	709.1	715.5	721.2	715.5	709.1	707.3	704.1	699.6	695.3	691.0
-70°	613.3	612.1	617.8	623.3	617.8	612.1	613.3	613.1	611.6	608.6	604.3
-72.5°	524.8	523.3	524.7	525.3	524.7	523.3	524.8	524.8	523.3	520.3	516.4
-75°	434.1	434.4	435.8	436.3	435.8	434.4	434.1	432.8	430.4	427.4	424.6
-77.5°	345.8	345.7	346.9	347.3	346.9	345.7	345.8	345.1	343.5	341.0	337.2
-80°	257.7	257.0	257.9	258.2	257.9	257.0	257.7	257.6	256.7	254.9	250.9
-82.5°	176.0	177.2	177.9	178.1	177.9	177.2	176.0	174.4	172.4	170.0	169.3
-85°	96.8	97.4	97.8	97.9	97.8	97.4	96.8	96.0	94.9	93.7	94.2
-87.5°	35.3	35.5	35.6	35.6	35.6	35.5	35.3	35.1	34.8	34.4	34.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	33.5	32.9	32.3	31.6	30.8	30.0	29.2	28.2	27.3	26.2	25.2
85°	94.3	94.1	93.4	90.7	87.7	84.5	81.0	77.3	73.4	69.3	65.0
82.5°	168.1	166.5	164.2	158.1	151.8	145.5	139.3	133.7	127.9	121.7	115.2
80°	246.6	241.9	236.7	229.4	221.2	212.1	202.2	193.0	183.2	174.0	165.4
77.5°	332.3	326.2	318.6	309.0	298.6	287.4	275.4	263.1	250.9	238.0	224.5
75°	420.5	414.9	406.9	395.3	382.8	369.3	354.2	337.3	320.3	303.3	286.7
72.5°	511.1	504.6	495.3	482.0	466.9	450.9	433.7	414.5	393.3	370.3	349.3
70°	598.6	591.6	582.6	570.7	555.6	538.0	517.3	494.8	471.1	446.3	420.7
67.5°	684.6	675.9	666.4	655.7	642.5	625.9	603.9	577.9	550.5	522.4	492.9
65°	780.2	769.0	756.8	745.5	731.5	714.5	692.1	667.0	637.0	602.4	565.1
62.5°	884.7	874.5	857.0	838.4	820.1	800.5	775.1	747.7	720.1	688.1	643.7
60°	980.3	970.9	948.1	925.4	903.2	879.2	850.5	821.5	792.4	757.5	716.9
57.5°	1056.8	1042.1	1020.8	999.1	977.1	947.9	917.4	888.5	856.7	823.0	785.2
55°	1122.4	1106.0	1084.2	1060.7	1035.3	1006.2	975.6	943.2	912.7	884.9	846.2
52.5°	1189.2	1168.7	1145.1	1119.7	1091.7	1060.5	1027.8	993.7	964.0	935.1	902.7
50°	1262.0	1236.0	1207.7	1178.1	1148.1	1114.4	1079.0	1042.9	1014.3	984.3	951.6
47.5°	1340.1	1309.4	1275.9	1242.3	1207.4	1170.9	1132.5	1093.7	1062.3	1031.4	997.6
45°	1431.8	1392.8	1349.7	1311.1	1269.9	1229.6	1188.3	1148.0	1108.6	1073.8	1041.3
42.5°	1538.2	1491.8	1442.8	1390.1	1337.1	1290.8	1244.4	1200.9	1157.0	1115.2	1077.7
40°	1672.0	1604.4	1547.3	1482.3	1419.5	1356.1	1305.3	1253.1	1205.2	1157.8	1114.6
37.5°	1848.7	1754.1	1672.1	1587.5	1512.3	1437.3	1372.0	1312.7	1253.1	1202.1	1153.6
35°	2086.9	1954.6	1825.9	1716.8	1615.8	1527.3	1444.6	1374.9	1309.3	1247.0	1192.6
32.5°	2424.2	2230.3	2023.6	1876.4	1737.6	1622.7	1525.4	1438.8	1363.7	1295.2	1233.0
30°	2953.2	2611.3	2318.0	2069.0	1889.8	1733.3	1607.6	1505.9	1417.8	1341.6	1272.5
27.5°	3815.5	3118.8	2712.8	2340.4	2063.7	1868.4	1705.1	1572.5	1470.4	1386.9	1311.3
25°	5214.1	4038.1	3216.4	2701.8	2300.6	2012.2	1810.1	1652.2	1527.1	1427.9	1339.0
22.5°	7262.5	5426.9	4013.3	3116.2	2590.9	2208.9	1934.4	1730.8	1577.9	1463.0	1366.3
20°	10492.9	7218.0	5174.0	3787.4	2931.7	2397.7	2066.1	1823.0	1640.2	1500.9	1390.5
17.5°	14362.1	9987.9	6488.2	4510.1	3373.6	2670.1	2219.8	1911.5	1695.1	1535.0	1410.9
15°	18261.3	12885.1	8507.7	5557.8	3855.7	2908.3	2352.0	1987.9	1748.9	1572.4	1436.5
12.5°	22567.2	15989.0	10299.5	6424.1	4352.3	3195.4	2520.5	2090.9	1807.6	1609.8	1461.3
10°	26286.7	18888.5	12453.3	7812.0	5005.6	3496.4	2675.2	2179.1	1856.6	1640.0	1480.5
7.5°	29635.7	21365.5	14259.5	8895.0	5512.2	3735.2	2799.1	2249.5	1893.5	1662.2	1494.1
5°	32012.3	23258.5	15712.5	9713.4	5874.7	3900.7	2885.3	2299.2	1917.7	1676.0	1502.0
2.5°	33495.1	24397.6	16660.3	10199.2	6052.2	3991.2	2939.5	2327.5	1938.2	1691.4	1506.4
0°	33630.9	24317.2	16793.2	10435.6	5939.0	4006.9	2965.1	2332.9	1950.0	1700.7	1504.8
-2.5°	33495.1	24397.6	16660.3	10199.2	6052.2	3991.2	2939.5	2327.5	1938.2	1691.4	1506.4
-5°	32012.3	23258.5	15712.5	9713.4	5874.7	3900.7	2885.3	2299.2	1917.7	1676.0	1502.0
-7.5°	29635.7	21365.5	14259.5	8895.0	5512.2	3735.2	2799.1	2249.5	1893.5	1662.2	1494.1
-10°	26286.7	18888.5	12453.3	7812.0	5005.6	3496.4	2675.2	2179.1	1856.6	1640.0	1480.5
-12.5°	22567.2	15989.0	10299.5	6424.1	4352.3	3195.4	2520.5	2090.9	1807.6	1609.8	1461.3
-15°	18261.3	12885.1	8507.7	5557.8	3855.7	2908.3	2352.0	1987.9	1748.9	1572.4	1436.5
-17.5°	14362.1	9987.9	6488.2	4510.1	3373.6	2670.1	2219.8	1911.5	1695.1	1535.0	1410.9
-20°	10492.9	7218.0	5174.0	3787.4	2931.7	2397.7	2066.1	1823.0	1640.2	1500.9	1390.5



REPORT NUMBER: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7262.5	5426.9	4013.3	3116.2	2590.9	2208.9	1934.4	1730.8	1577.9	1463.0	1366.3
-25°	5214.1	4038.1	3216.4	2701.8	2300.6	2012.2	1810.1	1652.2	1527.1	1427.9	1339.0
-27.5°	3815.5	3118.8	2712.8	2340.4	2063.7	1868.4	1705.1	1572.5	1470.4	1386.9	1311.3
-30°	2953.2	2611.3	2318.0	2069.0	1889.8	1733.3	1607.6	1505.9	1417.8	1341.6	1272.5
-32.5°	2424.2	2230.3	2023.6	1876.4	1737.6	1622.7	1525.4	1438.8	1363.7	1295.2	1233.0
-35°	2086.9	1954.6	1825.9	1716.8	1615.8	1527.3	1444.6	1374.9	1309.3	1247.0	1192.6
-37.5°	1848.7	1754.1	1672.1	1587.5	1512.3	1437.3	1372.0	1312.7	1253.1	1202.1	1153.6
-40°	1672.0	1604.4	1547.3	1482.3	1419.5	1356.1	1305.3	1253.1	1205.2	1157.8	1114.6
-42.5°	1538.2	1491.8	1442.8	1390.1	1337.1	1290.8	1244.4	1200.9	1157.0	1115.2	1077.7
-45°	1431.8	1392.8	1349.7	1311.1	1269.9	1229.6	1188.3	1148.0	1108.6	1073.8	1041.3
-47.5°	1340.1	1309.4	1275.9	1242.3	1207.4	1170.9	1132.5	1093.7	1062.3	1031.4	997.6
-50°	1262.0	1236.0	1207.7	1178.1	1148.1	1114.4	1079.0	1042.9	1014.3	984.3	951.6
-52.5°	1189.2	1168.7	1145.1	1119.7	1091.7	1060.5	1027.8	993.7	964.0	935.1	902.7
-55°	1122.4	1106.0	1084.2	1060.7	1035.3	1006.2	975.6	943.2	912.7	884.9	846.2
-57.5°	1056.8	1042.1	1020.8	999.1	977.1	947.9	917.4	888.5	856.7	823.0	785.2
-60°	980.3	970.9	948.1	925.4	903.2	879.2	850.5	821.5	792.4	757.5	716.9
-62.5°	884.7	874.5	857.0	838.4	820.1	800.5	775.1	747.7	720.1	688.1	643.7
-65°	780.2	769.0	756.8	745.5	731.5	714.5	692.1	667.0	637.0	602.4	565.1
-67.5°	684.6	675.9	666.4	655.7	642.5	625.9	603.9	577.9	550.5	522.4	492.9
-70°	598.6	591.6	582.6	570.7	555.6	538.0	517.3	494.8	471.1	446.3	420.7
-72.5°	511.1	504.6	495.3	482.0	466.9	450.9	433.7	414.5	393.3	370.3	349.3
-75°	420.5	414.9	406.9	395.3	382.8	369.3	354.2	337.3	320.3	303.3	286.7
-77.5°	332.3	326.2	318.6	309.0	298.6	287.4	275.4	263.1	250.9	238.0	224.5
-80°	246.6	241.9	236.7	229.4	221.2	212.1	202.2	193.0	183.2	174.0	165.4
-82.5°	168.1	166.5	164.2	158.1	151.8	145.5	139.3	133.7	127.9	121.7	115.2
-85°	94.3	94.1	93.4	90.7	87.7	84.5	81.0	77.3	73.4	69.3	65.0
-87.5°	33.5	32.9	32.3	31.6	30.8	30.0	29.2	28.2	27.3	26.2	25.2
-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: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	24.0	22.9	21.7	20.4	19.1	17.8	16.4	15.0	13.6	12.2	10.7
85°	60.5	55.9	51.0	46.0	40.8	35.6	32.8	30.1	27.2	24.3	21.4
82.5°	108.5	101.5	94.2	86.7	78.9	71.0	62.8	54.4	45.6	37.2	32.0
80°	156.3	147.0	137.3	127.3	117.2	106.3	95.4	84.1	71.6	59.7	48.3
77.5°	210.4	195.8	180.6	168.1	156.5	143.8	129.9	114.3	97.3	81.9	67.2
75°	269.7	252.0	233.8	215.9	198.7	181.3	165.5	147.2	125.9	104.3	85.9
72.5°	330.8	310.5	288.3	265.8	245.4	224.4	202.9	179.7	155.3	130.6	105.5
70°	395.4	370.3	345.6	320.1	293.8	267.4	242.5	214.7	184.4	156.5	128.2
67.5°	462.3	432.5	403.0	374.0	344.3	313.7	282.4	249.8	216.2	182.0	150.6
65°	531.0	495.6	459.6	427.3	394.0	359.9	324.9	285.2	247.4	209.9	172.6
62.5°	600.8	559.9	520.0	480.7	443.1	405.3	366.2	321.7	278.4	237.2	195.8
60°	671.2	624.1	579.1	535.3	492.1	450.0	405.9	357.2	309.8	263.9	219.2
57.5°	738.5	686.6	635.5	587.7	540.8	494.1	444.7	392.2	340.2	290.4	242.0
55°	804.0	751.0	691.0	636.6	586.7	537.1	482.3	426.6	369.9	316.1	264.2
52.5°	861.7	808.9	746.7	684.5	628.6	576.7	518.1	459.9	399.9	340.8	285.8
50°	914.0	860.5	798.1	732.4	668.9	611.3	552.3	490.8	429.0	365.1	306.6
47.5°	959.1	907.9	846.3	777.6	709.7	644.6	583.3	520.1	457.0	389.9	326.7
45°	1000.1	953.4	892.4	822.0	747.6	678.4	612.5	547.7	481.7	414.0	346.1
42.5°	1038.2	993.0	937.1	865.3	786.0	710.8	640.4	573.2	505.0	436.7	365.3
40°	1072.7	1027.5	979.0	905.8	822.5	741.2	667.9	597.2	526.9	457.6	384.0
37.5°	1106.9	1060.1	1009.8	943.5	856.6	772.2	693.5	619.9	547.9	476.2	401.6
35°	1141.9	1091.8	1037.0	973.3	889.3	800.8	717.0	641.2	567.6	493.6	417.9
32.5°	1175.6	1120.3	1061.8	998.5	919.7	826.8	740.0	661.9	586.2	510.0	433.0
30°	1208.7	1143.7	1083.8	1024.2	946.3	852.3	762.5	681.2	603.3	525.2	446.7
27.5°	1233.8	1164.1	1103.2	1044.3	968.5	875.8	784.3	698.9	619.2	539.1	458.9
25°	1256.4	1183.7	1119.8	1060.3	990.5	900.0	804.4	715.2	633.6	551.9	469.9
22.5°	1279.0	1200.8	1133.7	1073.8	1011.3	921.9	823.3	731.4	646.6	563.3	479.9
20°	1298.5	1214.5	1145.2	1086.4	1025.2	939.0	841.0	745.9	658.2	573.5	488.7
17.5°	1315.2	1228.6	1157.3	1096.6	1034.7	953.5	856.5	758.5	668.2	582.3	496.3
15°	1332.3	1243.1	1167.5	1104.5	1043.0	965.3	869.7	769.2	676.7	589.8	503.4
12.5°	1346.8	1253.8	1175.5	1110.1	1049.9	974.5	880.6	778.0	683.6	596.8	510.1
10°	1358.2	1260.9	1181.1	1113.7	1055.3	981.2	889.2	786.2	691.9	603.1	515.5
7.5°	1366.1	1264.4	1184.4	1115.1	1059.2	987.2	897.5	795.1	699.3	608.0	519.8
5°	1371.5	1266.0	1186.5	1118.5	1061.5	992.8	903.5	802.2	705.2	611.6	522.9
2.5°	1377.9	1266.7	1186.6	1121.0	1061.5	996.2	907.1	807.2	709.6	613.7	524.7
0°	1380.1	1264.4	1184.2	1121.9	1059.6	997.3	908.2	810.3	712.3	614.4	525.3
-2.5°	1377.9	1266.7	1186.6	1121.0	1061.5	996.2	907.1	807.2	709.6	613.7	524.7
-5°	1371.5	1266.0	1186.5	1118.5	1061.5	992.8	903.5	802.2	705.2	611.6	522.9
-7.5°	1366.1	1264.4	1184.4	1115.1	1059.2	987.2	897.5	795.1	699.3	608.0	519.8
-10°	1358.2	1260.9	1181.1	1113.7	1055.3	981.2	889.2	786.2	691.9	603.1	515.5
-12.5°	1346.8	1253.8	1175.5	1110.1	1049.9	974.5	880.6	778.0	683.6	596.8	510.1
-15°	1332.3	1243.1	1167.5	1104.5	1043.0	965.3	869.7	769.2	676.7	589.8	503.4
-17.5°	1315.2	1228.6	1157.3	1096.6	1034.7	953.5	856.5	758.5	668.2	582.3	496.3
-20°	1298.5	1214.5	1145.2	1086.4	1025.2	939.0	841.0	745.9	658.2	573.5	488.7

Classified

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



REPORT NUMBER: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	1279.0	1200.8	1133.7	1073.8	1011.3	921.9	823.3	731.4	646.6	563.3	479.9
-25°	1256.4	1183.7	1119.8	1060.3	990.5	900.0	804.4	715.2	633.6	551.9	469.9
-27.5°	1233.8	1164.1	1103.2	1044.3	968.5	875.8	784.3	698.9	619.2	539.1	458.9
-30°	1208.7	1143.7	1083.8	1024.2	946.3	852.3	762.5	681.2	603.3	525.2	446.7
-32.5°	1175.6	1120.3	1061.8	998.5	919.7	826.8	740.0	661.9	586.2	510.0	433.0
-35°	1141.9	1091.8	1037.0	973.3	889.3	800.8	717.0	641.2	567.6	493.6	417.9
-37.5°	1106.9	1060.1	1009.8	943.5	856.6	772.2	693.5	619.9	547.9	476.2	401.6
-40°	1072.7	1027.5	979.0	905.8	822.5	741.2	667.9	597.2	526.9	457.6	384.0
-42.5°	1038.2	993.0	937.1	865.3	786.0	710.8	640.4	573.2	505.0	436.7	365.3
-45°	1000.1	953.4	892.4	822.0	747.6	678.4	612.5	547.7	481.7	414.0	346.1
-47.5°	959.1	907.9	846.3	777.6	709.7	644.6	583.3	520.1	457.0	389.9	326.7
-50°	914.0	860.5	798.1	732.4	668.9	611.3	552.3	490.8	429.0	365.1	306.6
-52.5°	861.7	808.9	746.7	684.5	628.6	576.7	518.1	459.9	399.9	340.8	285.8
-55°	804.0	751.0	691.0	636.6	586.7	537.1	482.3	426.6	369.9	316.1	264.2
-57.5°	738.5	686.6	635.5	587.7	540.8	494.1	444.7	392.2	340.2	290.4	242.0
-60°	671.2	624.1	579.1	535.3	492.1	450.0	405.9	357.2	309.8	263.9	219.2
-62.5°	600.8	559.9	520.0	480.7	443.1	405.3	366.2	321.7	278.4	237.2	195.8
-65°	531.0	495.6	459.6	427.3	394.0	359.9	324.9	285.2	247.4	209.9	172.6
-67.5°	462.3	432.5	403.0	374.0	344.3	313.7	282.4	249.8	216.2	182.0	150.6
-70°	395.4	370.3	345.6	320.1	293.8	267.4	242.5	214.7	184.4	156.5	128.2
-72.5°	330.8	310.5	288.3	265.8	245.4	224.4	202.9	179.7	155.3	130.6	105.5
-75°	269.7	252.0	233.8	215.9	198.7	181.3	165.5	147.2	125.9	104.3	85.9
-77.5°	210.4	195.8	180.6	168.1	156.5	143.8	129.9	114.3	97.3	81.9	67.2
-80°	156.3	147.0	137.3	127.3	117.2	106.3	95.4	84.1	71.6	59.7	48.3
-82.5°	108.5	101.5	94.2	86.7	78.9	71.0	62.8	54.4	45.6	37.2	32.0
-85°	60.5	55.9	51.0	46.0	40.8	35.6	32.8	30.1	27.2	24.3	21.4
-87.5°	24.0	22.9	21.7	20.4	19.1	17.8	16.4	15.0	13.6	12.2	10.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	9.2	7.7	6.2	4.6	3.1	1.6	0.0
85°	18.4	15.4	12.3	9.3	6.2	3.1	0.0
82.5°	27.6	23.1	18.5	13.9	9.3	4.6	0.0
80°	37.5	30.7	24.6	18.5	12.3	6.2	0.0
77.5°	53.3	40.2	30.7	23.1	15.4	7.7	0.0
75°	69.0	53.3	37.5	27.6	18.4	9.2	0.0
72.5°	84.5	66.3	47.9	32.0	21.4	10.7	0.0
70°	100.4	79.1	58.1	37.1	24.3	12.2	0.0
67.5°	119.8	91.7	68.3	44.6	27.2	13.6	0.0
65°	139.0	105.9	78.2	52.1	30.1	15.0	0.0
62.5°	157.7	121.5	87.9	59.4	32.8	16.4	0.0
60°	176.0	136.8	97.4	66.5	35.6	17.8	0.0
57.5°	195.3	151.7	109.2	73.5	40.2	19.1	0.0
55°	214.1	166.3	120.9	80.3	44.7	20.4	0.0
52.5°	232.2	180.5	132.2	86.9	49.1	21.7	0.0
50°	249.5	194.9	143.1	93.2	53.3	22.9	0.0
47.5°	266.2	208.6	153.6	99.8	57.4	24.0	0.0
45°	282.7	221.7	163.8	107.4	61.3	25.2	0.0
42.5°	298.5	234.1	173.5	114.7	65.1	26.2	0.0
40°	313.6	245.8	182.8	121.5	68.7	27.3	0.0
37.5°	327.9	256.9	191.7	127.9	72.1	28.2	0.0
35°	341.4	267.8	200.0	133.8	75.3	29.2	0.0
32.5°	354.1	278.3	207.8	139.4	78.3	30.0	0.0
30°	366.2	288.0	214.9	144.4	81.2	30.8	0.0
27.5°	377.2	297.0	221.4	149.0	83.8	31.6	0.0
25°	387.1	305.3	227.4	153.1	86.2	32.3	0.0
22.5°	396.0	312.7	233.0	156.8	88.4	32.9	0.0
20°	403.8	319.2	238.0	160.0	90.4	33.5	0.0
17.5°	410.8	324.8	242.6	162.7	92.1	34.0	0.0
15°	417.3	329.4	246.6	165.0	93.6	34.4	0.0
12.5°	422.9	333.0	250.1	166.8	94.9	34.8	0.0
10°	427.6	335.8	252.9	168.2	96.0	35.1	0.0
7.5°	431.3	337.7	255.2	169.1	96.8	35.3	0.0
5°	434.1	338.8	256.9	169.5	97.4	35.5	0.0
2.5°	435.7	339.0	257.9	169.6	97.8	35.6	0.0
0°	436.3	338.4	258.2	169.2	97.9	35.6	0.0
-2.5°	435.7	339.0	257.9	169.6	97.8	35.6	0.0
-5°	434.1	338.8	256.9	169.5	97.4	35.5	0.0
-7.5°	431.3	337.7	255.2	169.1	96.8	35.3	0.0
-10°	427.6	335.8	252.9	168.2	96.0	35.1	0.0
-12.5°	422.9	333.0	250.1	166.8	94.9	34.8	0.0
-15°	417.3	329.4	246.6	165.0	93.6	34.4	0.0
-17.5°	410.8	324.8	242.6	162.7	92.1	34.0	0.0
-20°	403.8	319.2	238.0	160.0	90.4	33.5	0.0

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627975 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	396.0	312.7	233.0	156.8	88.4	32.9	0.0
-25°	387.1	305.3	227.4	153.1	86.2	32.3	0.0
-27.5°	377.2	297.0	221.4	149.0	83.8	31.6	0.0
-30°	366.2	288.0	214.9	144.4	81.2	30.8	0.0
-32.5°	354.1	278.3	207.8	139.4	78.3	30.0	0.0
-35°	341.4	267.8	200.0	133.8	75.3	29.2	0.0
-37.5°	327.9	256.9	191.7	127.9	72.1	28.2	0.0
-40°	313.6	245.8	182.8	121.5	68.7	27.3	0.0
-42.5°	298.5	234.1	173.5	114.7	65.1	26.2	0.0
-45°	282.7	221.7	163.8	107.4	61.3	25.2	0.0
-47.5°	266.2	208.6	153.6	99.8	57.4	24.0	0.0
-50°	249.5	194.9	143.1	93.2	53.3	22.9	0.0
-52.5°	232.2	180.5	132.2	86.9	49.1	21.7	0.0
-55°	214.1	166.3	120.9	80.3	44.7	20.4	0.0
-57.5°	195.3	151.7	109.2	73.5	40.2	19.1	0.0
-60°	176.0	136.8	97.4	66.5	35.6	17.8	0.0
-62.5°	157.7	121.5	87.9	59.4	32.8	16.4	0.0
-65°	139.0	105.9	78.2	52.1	30.1	15.0	0.0
-67.5°	119.8	91.7	68.3	44.6	27.2	13.6	0.0
-70°	100.4	79.1	58.1	37.1	24.3	12.2	0.0
-72.5°	84.5	66.3	47.9	32.0	21.4	10.7	0.0
-75°	69.0	53.3	37.5	27.6	18.4	9.2	0.0
-77.5°	53.3	40.2	30.7	23.1	15.4	7.7	0.0
-80°	37.5	30.7	24.6	18.5	12.3	6.2	0.0
-82.5°	27.6	23.1	18.5	13.9	9.3	4.6	0.0
-85°	18.4	15.4	12.3	9.3	6.2	3.1	0.0
-87.5°	9.2	7.7	6.2	4.6	3.1	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)