

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: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-735-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627997 (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-SA6E-735-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N146
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

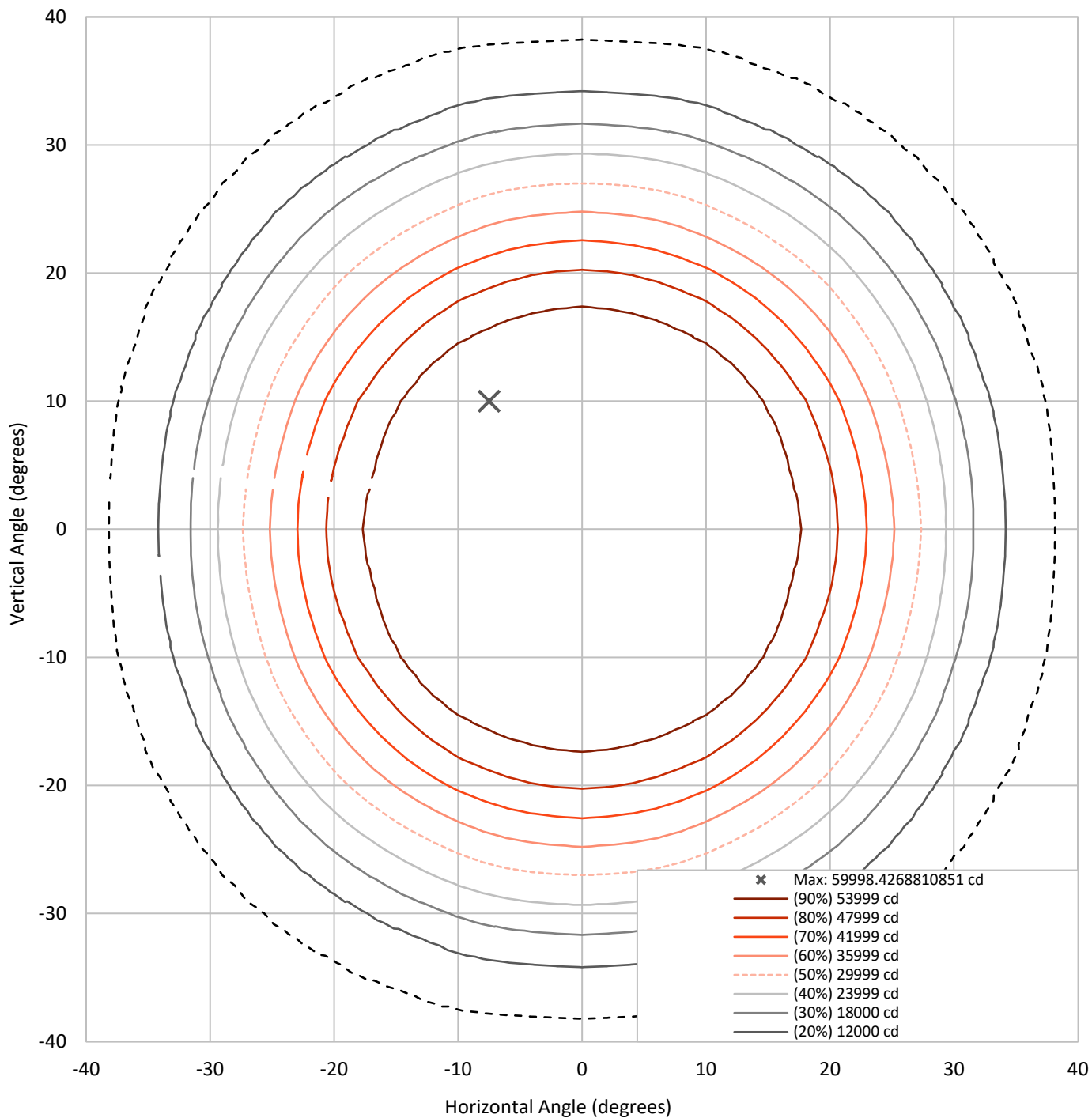
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	51064.3 lumens	Max Intensity:	59998.4 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	135.6 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:	33893.5 lumens	Field Lumens:	44071.2 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-735-U-MWR-XX

Iso-Candela Plot





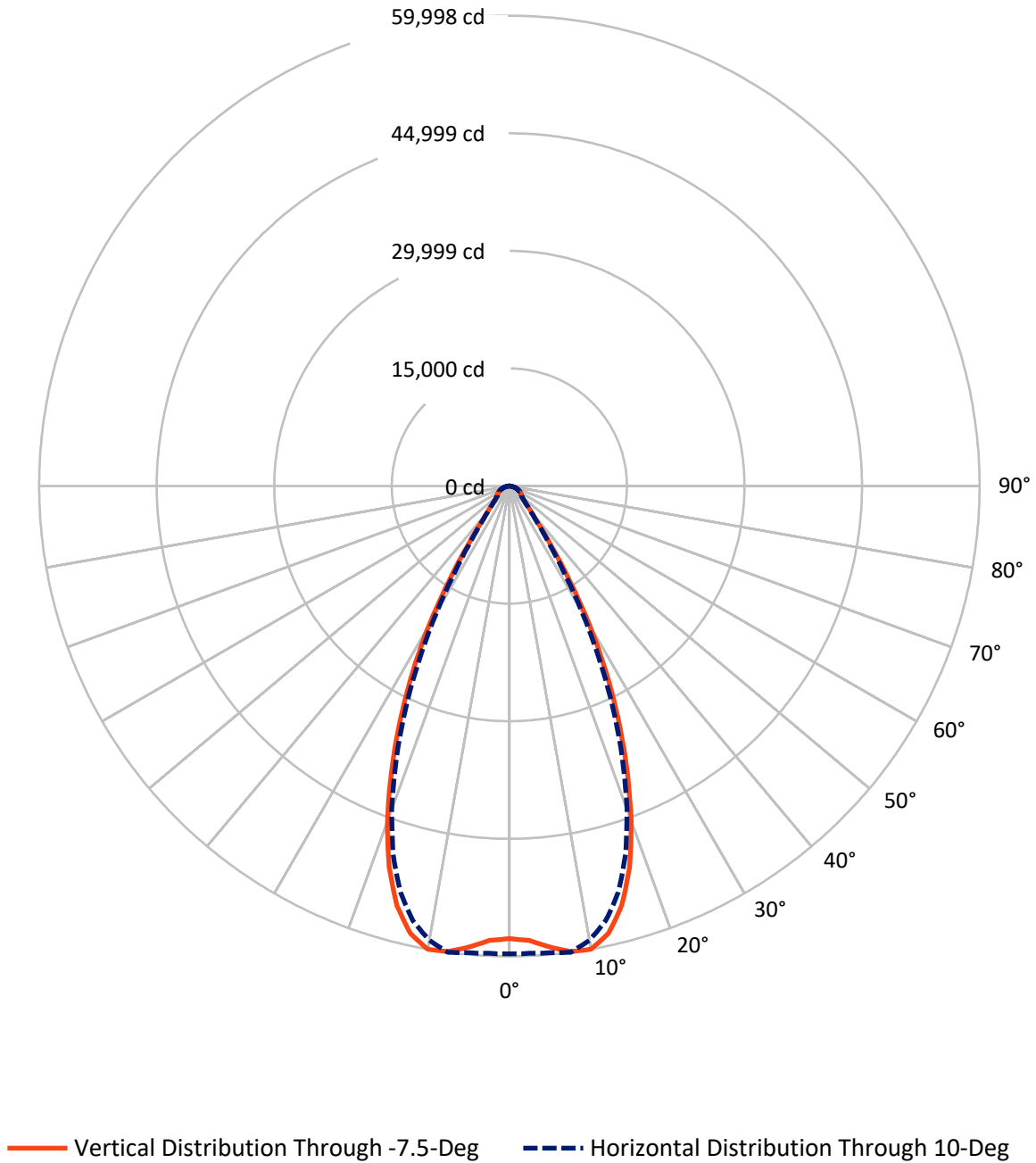
REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-MWR-XX

Lumen Table

90																			
80	1.3	12.0		32.1		50.7		56.6		50.7		32.1		12.0		1.3			
70																			
60	5.4	6.2	12.5	20.4	28.6	34.7	39.2	41.5	41.5	39.2	34.7	28.6	20.4	12.5	6.2	5.4			
50		9.2	18.4	29.5	39.4	47.7	53.3	55.6	55.6	53.3	47.7	39.4	29.5	18.4	9.2				
40	9.6	11.9	23.3	35.7	47.9	62.4	78.4	90.0	90.0	78.4	62.4	47.9	35.7	23.3	11.9	9.6			
30		14.1	27.1	41.1	63.6	116.1	222.1	329.3	329.3	222.1	116.1	63.6	41.1	27.1	14.1				
20	12.4	15.7	29.5	48.0	104.6	327.8	735.4	1026.9	1026.9	735.4	327.8	104.6	48.0	29.5	15.7	12.4			
10		16.8	31.1	57.0	189.1	698.9	1334.5	1670.3	1670.3	1334.5	698.9	189.1	57.0	31.1	16.8				
0	13.4	17.4	31.9	64.2	272.2	956.3	1619.0	1761.6	1761.6	1619.0	956.3	272.2	64.2	31.9	17.4	13.4			
-10		17.4	31.9	64.2	272.2	956.3	1619.0	1761.6	1761.6	1619.0	956.3	272.2	64.2	31.9	17.4				
-20	12.4	16.8	31.1	57.0	189.1	698.9	1334.5	1670.3	1670.3	1334.5	698.9	189.1	57.0	31.1	16.8	12.4			
-30		15.7	29.5	48.0	104.6	327.8	735.4	1026.9	1026.9	735.4	327.8	104.6	48.0	29.5	15.7				
-40	9.6	14.1	27.1	41.1	63.6	116.1	222.1	329.3	329.3	222.1	116.1	63.6	41.1	27.1	14.1	9.6			
-50		11.9	23.3	35.7	47.9	62.4	78.4	90.0	90.0	78.4	62.4	47.9	35.7	23.3	11.9				
-60	5.4	9.2	18.4	29.5	39.4	47.7	53.3	55.6	55.6	53.3	47.7	39.4	29.5	18.4	9.2	5.4			
-70		6.2	12.5	20.4	28.6	34.7	39.2	41.5	41.5	39.2	34.7	28.6	20.4	12.5	6.2				
-80	1.3	12.0		32.1		50.7		56.6		50.7		32.1		12.0		1.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

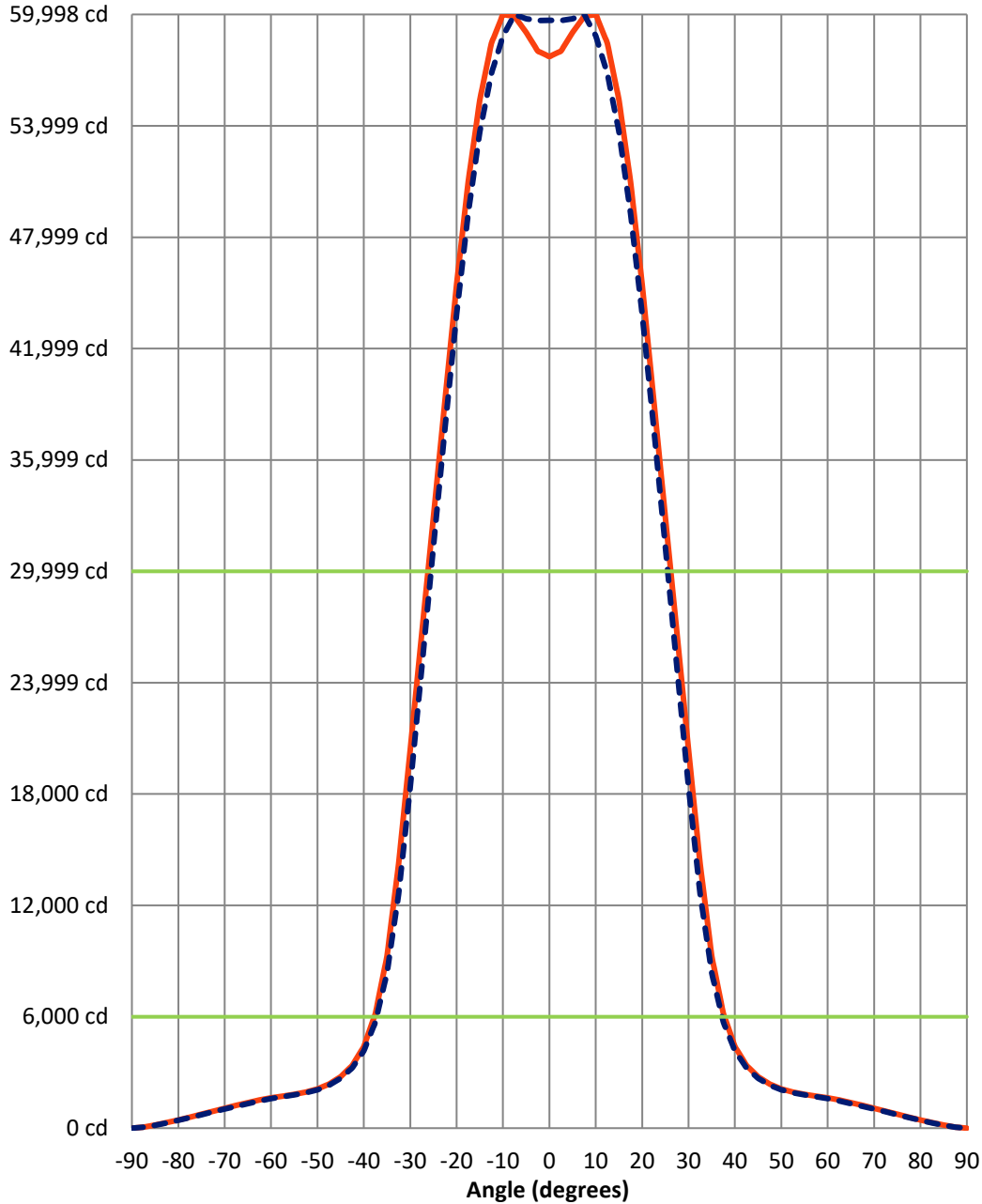
REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-735-U-MWR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-MWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 33893.5
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 44071.2
 Efficiency: 86.3%

Spill:
 Lumens: 6993.1
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - - Horizontal Distribution through 10-Deg



REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-MWR-XX

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	2.3	4.6	6.9	9.1	11.4	13.6	16.6	19.7	23.1	26.6
85°	0.0	4.6	9.1	13.7	18.2	22.7	27.1	33.1	39.4	46.1	53.1
82.5°	0.0	6.9	13.7	20.5	27.3	34.0	40.7	49.5	60.2	75.9	90.7
80°	0.0	9.1	18.2	27.3	36.3	45.2	56.0	77.2	97.5	116.6	134.6
77.5°	0.0	11.4	22.7	34.0	45.2	61.1	85.4	110.5	134.6	157.2	181.6
75°	0.0	13.6	27.1	40.7	56.0	85.4	114.5	143.7	172.3	205.4	237.9
72.5°	0.0	15.8	31.5	47.2	75.3	109.4	143.2	178.3	217.3	255.8	293.6
70°	0.0	18.0	35.9	55.2	94.3	133.1	172.3	217.3	261.8	305.7	351.7
67.5°	0.0	20.1	40.1	69.3	113.0	156.5	205.0	255.8	305.7	357.1	409.5
65°	0.0	22.2	44.3	83.1	131.4	181.2	237.1	293.6	349.9	407.4	468.4
62.5°	0.0	24.2	48.4	96.6	149.5	207.0	268.5	330.9	393.1	458.0	531.7
60°	0.0	26.2	52.5	109.9	167.1	232.1	299.0	367.3	435.1	513.0	593.3
57.5°	0.0	28.2	60.9	122.8	186.3	256.5	329.5	402.6	480.8	566.3	651.4
55°	0.0	30.1	69.1	135.4	205.1	280.2	359.5	437.3	526.3	617.7	707.2
52.5°	0.0	32.0	77.0	147.6	223.2	303.3	388.8	475.3	570.2	666.4	761.4
50°	0.0	33.7	84.7	159.4	240.6	327.1	417.3	512.4	612.3	713.6	813.8
47.5°	0.0	35.5	92.0	171.0	257.3	350.3	445.3	548.1	652.7	759.1	864.5
45°	0.0	37.1	99.0	182.9	273.3	372.6	474.4	582.1	691.8	802.9	913.2
42.5°	0.0	38.7	105.6	194.3	288.5	394.1	502.1	614.5	728.9	844.8	959.3
40°	0.0	40.2	111.9	204.9	303.9	414.8	528.3	645.1	764.2	884.8	1003.6
37.5°	0.0	41.6	117.8	214.7	319.6	434.5	553.0	673.9	798.4	923.5	1046.2
35°	0.0	43.0	123.3	223.9	334.4	453.7	576.2	700.9	831.0	959.7	1085.9
32.5°	0.0	44.3	128.4	232.5	348.5	471.8	597.9	725.9	861.9	993.3	1120.9
30°	0.0	45.5	133.2	240.5	361.6	488.7	617.9	749.5	891.0	1024.3	1153.4
27.5°	0.0	46.6	137.5	247.9	373.3	504.2	636.2	772.8	917.5	1052.6	1183.6
25°	0.0	47.6	141.4	254.6	383.9	518.4	652.9	794.3	940.6	1077.6	1211.1
22.5°	0.0	48.5	144.9	260.6	393.4	530.9	667.8	814.0	961.3	1099.9	1236.1
20°	0.0	49.3	148.0	266.0	402.0	541.6	681.1	831.7	979.6	1119.7	1258.4
17.5°	0.0	50.1	150.6	270.7	409.4	551.0	693.1	847.5	995.5	1137.1	1277.9
15°	0.0	50.7	152.9	274.6	415.8	559.0	703.8	861.7	1009.0	1151.9	1294.6
12.5°	0.0	51.3	154.7	277.9	421.0	565.6	713.1	874.3	1021.0	1164.2	1308.5
10°	0.0	51.7	156.1	280.5	425.2	570.8	720.8	884.6	1031.4	1175.8	1320.2
7.5°	0.0	52.1	157.0	282.3	428.2	574.6	726.9	892.6	1039.5	1185.1	1330.6
5°	0.0	52.3	157.6	283.4	430.1	577.0	731.4	898.4	1045.3	1191.7	1338.0
2.5°	0.0	52.4	157.8	283.8	430.9	578.0	734.1	901.8	1048.8	1195.7	1342.5
0°	0.0	52.5	157.5	283.5	430.5	577.5	735.0	903.0	1050.0	1197.0	1344.0
-2.5°	0.0	52.4	157.8	283.8	430.9	578.0	734.1	901.8	1048.8	1195.7	1342.5
-5°	0.0	52.3	157.6	283.4	430.1	577.0	731.4	898.4	1045.3	1191.7	1338.0
-7.5°	0.0	52.1	157.0	282.3	428.2	574.6	726.9	892.6	1039.5	1185.1	1330.6
-10°	0.0	51.7	156.1	280.5	425.2	570.8	720.8	884.6	1031.4	1175.8	1320.2
-12.5°	0.0	51.3	154.7	277.9	421.0	565.6	713.1	874.3	1021.0	1164.2	1308.5
-15°	0.0	50.7	152.9	274.6	415.8	559.0	703.8	861.7	1009.0	1151.9	1294.6
-17.5°	0.0	50.1	150.6	270.7	409.4	551.0	693.1	847.5	995.5	1137.1	1277.9
-20°	0.0	49.3	148.0	266.0	402.0	541.6	681.1	831.7	979.6	1119.7	1258.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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	48.5	144.9	260.6	393.4	530.9	667.8	814.0	961.3	1099.9	1236.1
-25°	0.0	47.6	141.4	254.6	383.9	518.4	652.9	794.3	940.6	1077.6	1211.1
-27.5°	0.0	46.6	137.5	247.9	373.3	504.2	636.2	772.8	917.5	1052.6	1183.6
-30°	0.0	45.5	133.2	240.5	361.6	488.7	617.9	749.5	891.0	1024.3	1153.4
-32.5°	0.0	44.3	128.4	232.5	348.5	471.8	597.9	725.9	861.9	993.3	1120.9
-35°	0.0	43.0	123.3	223.9	334.4	453.7	576.2	700.9	831.0	959.7	1085.9
-37.5°	0.0	41.6	117.8	214.7	319.6	434.5	553.0	673.9	798.4	923.5	1046.2
-40°	0.0	40.2	111.9	204.9	303.9	414.8	528.3	645.1	764.2	884.8	1003.6
-42.5°	0.0	38.7	105.6	194.3	288.5	394.1	502.1	614.5	728.9	844.8	959.3
-45°	0.0	37.1	99.0	182.9	273.3	372.6	474.4	582.1	691.8	802.9	913.2
-47.5°	0.0	35.5	92.0	171.0	257.3	350.3	445.3	548.1	652.7	759.1	864.5
-50°	0.0	33.7	84.7	159.4	240.6	327.1	417.3	512.4	612.3	713.6	813.8
-52.5°	0.0	32.0	77.0	147.6	223.2	303.3	388.8	475.3	570.2	666.4	761.4
-55°	0.0	30.1	69.1	135.4	205.1	280.2	359.5	437.3	526.3	617.7	707.2
-57.5°	0.0	28.2	60.9	122.8	186.3	256.5	329.5	402.6	480.8	566.3	651.4
-60°	0.0	26.2	52.5	109.9	167.1	232.1	299.0	367.3	435.1	513.0	593.3
-62.5°	0.0	24.2	48.4	96.6	149.5	207.0	268.5	330.9	393.1	458.0	531.7
-65°	0.0	22.2	44.3	83.1	131.4	181.2	237.1	293.6	349.9	407.4	468.4
-67.5°	0.0	20.1	40.1	69.3	113.0	156.5	205.0	255.8	305.7	357.1	409.5
-70°	0.0	18.0	35.9	55.2	94.3	133.1	172.3	217.3	261.8	305.7	351.7
-72.5°	0.0	15.8	31.5	47.2	75.3	109.4	143.2	178.3	217.3	255.8	293.6
-75°	0.0	13.6	27.1	40.7	56.0	85.4	114.5	143.7	172.3	205.4	237.9
-77.5°	0.0	11.4	22.7	34.0	45.2	61.1	85.4	110.5	134.6	157.2	181.6
-80°	0.0	9.1	18.2	27.3	36.3	45.2	56.0	77.2	97.5	116.6	134.6
-82.5°	0.0	6.9	13.7	20.5	27.3	34.0	40.7	49.5	60.2	75.9	90.7
-85°	0.0	4.6	9.1	13.7	18.2	22.7	27.1	33.1	39.4	46.1	53.1
-87.5°	0.0	2.3	4.6	6.9	9.1	11.4	13.6	16.6	19.7	23.1	26.6
-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: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	29.1	31.5	33.8	36.1	38.3	40.5	42.6	44.5	46.4	48.3	50.0
85°	58.1	62.9	71.3	79.9	88.0	95.9	103.5	110.7	117.7	124.4	130.7
82.5°	104.0	117.7	131.6	145.7	158.1	169.9	181.5	193.4	205.3	217.2	228.9
80°	153.0	172.0	193.7	214.3	232.3	249.5	266.1	282.0	299.3	317.8	336.5
77.5°	209.6	236.6	262.0	285.8	308.7	333.7	357.9	381.1	405.3	429.2	452.1
75°	270.2	301.1	333.5	365.5	396.5	426.6	455.9	485.9	516.1	546.2	574.9
72.5°	332.8	372.0	410.2	447.5	486.0	523.6	560.0	594.9	631.0	667.8	703.0
70°	397.8	442.5	489.6	535.2	578.6	622.4	666.8	709.5	751.3	793.9	836.2
67.5°	463.4	519.5	572.6	623.1	674.3	725.9	775.9	827.0	876.4	926.0	973.4
65°	535.6	596.9	654.9	712.8	770.8	831.5	890.5	947.5	1004.8	1060.3	1110.1
62.5°	606.3	671.5	735.8	801.6	870.8	938.8	1003.3	1068.7	1135.3	1193.4	1243.9
60°	671.4	743.7	815.7	890.7	967.2	1040.4	1112.7	1183.8	1255.4	1322.2	1363.4
57.5°	734.3	814.3	894.0	974.7	1055.3	1137.0	1213.0	1291.1	1357.7	1414.0	1461.8
55°	795.5	882.4	967.3	1052.0	1139.0	1224.4	1307.1	1381.3	1446.4	1493.3	1539.4
52.5°	855.1	946.7	1034.3	1126.0	1218.5	1309.1	1395.4	1464.3	1517.6	1565.6	1608.7
50°	912.9	1006.0	1098.6	1198.0	1295.6	1391.5	1472.7	1533.0	1587.2	1633.9	1679.1
47.5°	967.0	1064.1	1163.1	1267.5	1370.3	1463.0	1537.6	1600.7	1656.1	1706.5	1760.0
45°	1019.1	1122.1	1226.7	1334.6	1439.5	1529.1	1601.0	1668.9	1720.8	1777.8	1839.0
42.5°	1069.7	1177.9	1287.5	1398.9	1505.0	1588.6	1660.5	1722.8	1783.8	1851.2	1925.2
40°	1117.8	1230.5	1344.9	1460.8	1566.6	1640.8	1711.1	1777.2	1851.2	1931.3	2017.0
37.5°	1162.9	1280.0	1398.7	1519.1	1611.9	1688.4	1760.4	1834.0	1920.1	2013.0	2129.3
35°	1205.0	1326.0	1448.7	1564.3	1652.6	1733.6	1808.2	1890.3	1990.8	2112.2	2261.2
32.5°	1244.1	1368.6	1494.9	1600.9	1690.1	1774.2	1850.8	1953.2	2074.0	2218.5	2429.5
30°	1280.1	1407.5	1534.3	1636.9	1723.8	1808.3	1901.6	2016.9	2158.3	2369.2	2639.1
27.5°	1313.6	1442.9	1565.3	1666.8	1754.0	1841.1	1950.2	2090.1	2276.2	2527.8	2863.4
25°	1344.2	1476.7	1594.9	1691.9	1782.0	1878.6	1997.2	2154.4	2399.1	2724.1	3177.6
22.5°	1372.0	1507.3	1623.3	1713.6	1808.2	1912.9	2051.2	2247.9	2530.0	2909.5	3494.5
20°	1396.8	1530.4	1644.6	1734.1	1832.4	1941.2	2099.4	2336.6	2676.7	3168.3	3915.0
17.5°	1418.5	1550.6	1660.5	1753.8	1856.0	1973.3	2146.2	2413.4	2807.1	3394.1	4340.1
15°	1437.1	1567.9	1674.0	1770.6	1876.6	2010.1	2211.4	2513.8	2958.6	3628.8	4710.5
12.5°	1452.6	1582.1	1684.9	1784.4	1893.5	2040.9	2267.3	2608.5	3115.9	3917.3	5256.3
10°	1464.8	1593.3	1693.4	1795.1	1906.7	2065.5	2312.6	2685.9	3246.2	4167.1	5722.0
7.5°	1476.0	1601.5	1699.2	1802.6	1916.2	2083.8	2347.1	2745.6	3346.1	4363.3	6090.5
5°	1484.3	1606.4	1702.4	1806.9	1924.1	2095.9	2370.5	2787.0	3415.1	4503.5	6349.8
2.5°	1489.3	1608.0	1703.0	1808.1	1930.0	2101.2	2382.6	2809.9	3469.3	4569.9	6489.1
0°	1491.0	1606.5	1701.0	1806.0	1932.0	2100.0	2383.5	2814.0	3496.6	4567.6	6510.1
-2.5°	1489.3	1608.0	1703.0	1808.1	1930.0	2101.2	2382.6	2809.9	3469.3	4569.9	6489.1
-5°	1484.3	1606.4	1702.4	1806.9	1924.1	2095.9	2370.5	2787.0	3415.1	4503.5	6349.8
-7.5°	1476.0	1601.5	1699.2	1802.6	1916.2	2083.8	2347.1	2745.6	3346.1	4363.3	6090.5
-10°	1464.8	1593.3	1693.4	1795.1	1906.7	2065.5	2312.6	2685.9	3246.2	4167.1	5722.0
-12.5°	1452.6	1582.1	1684.9	1784.4	1893.5	2040.9	2267.3	2608.5	3115.9	3917.3	5256.3
-15°	1437.1	1567.9	1674.0	1770.6	1876.6	2010.1	2211.4	2513.8	2958.6	3628.8	4710.5
-17.5°	1418.5	1550.6	1660.5	1753.8	1856.0	1973.3	2146.2	2413.4	2807.1	3394.1	4340.1
-20°	1396.8	1530.4	1644.6	1734.1	1832.4	1941.2	2099.4	2336.6	2676.7	3168.3	3915.0



REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	1372.0	1507.3	1623.3	1713.6	1808.2	1912.9	2051.2	2247.9	2530.0	2909.5	3494.5
-25°	1344.2	1476.7	1594.9	1691.9	1782.0	1878.6	1997.2	2154.4	2399.1	2724.1	3177.6
-27.5°	1313.6	1442.9	1565.3	1666.8	1754.0	1841.1	1950.2	2090.1	2276.2	2527.8	2863.4
-30°	1280.1	1407.5	1534.3	1636.9	1723.8	1808.3	1901.6	2016.9	2158.3	2369.2	2639.1
-32.5°	1244.1	1368.6	1494.9	1600.9	1690.1	1774.2	1850.8	1953.2	2074.0	2218.5	2429.5
-35°	1205.0	1326.0	1448.7	1564.3	1652.6	1733.6	1808.2	1890.3	1990.8	2112.2	2261.2
-37.5°	1162.9	1280.0	1398.7	1519.1	1611.9	1688.4	1760.4	1834.0	1920.1	2013.0	2129.3
-40°	1117.8	1230.5	1344.9	1460.8	1566.6	1640.8	1711.1	1777.2	1851.2	1931.3	2017.0
-42.5°	1069.7	1177.9	1287.5	1398.9	1505.0	1588.6	1660.5	1722.8	1783.8	1851.2	1925.2
-45°	1019.1	1122.1	1226.7	1334.6	1439.5	1529.1	1601.0	1668.9	1720.8	1777.8	1839.0
-47.5°	967.0	1064.1	1163.1	1267.5	1370.3	1463.0	1537.6	1600.7	1656.1	1706.5	1760.0
-50°	912.9	1006.0	1098.6	1198.0	1295.6	1391.5	1472.7	1533.0	1587.2	1633.9	1679.1
-52.5°	855.1	946.7	1034.3	1126.0	1218.5	1309.1	1395.4	1464.3	1517.6	1565.6	1608.7
-55°	795.5	882.4	967.3	1052.0	1139.0	1224.4	1307.1	1381.3	1446.4	1493.3	1539.4
-57.5°	734.3	814.3	894.0	974.7	1055.3	1137.0	1213.0	1291.1	1357.7	1414.0	1461.8
-60°	671.4	743.7	815.7	890.7	967.2	1040.4	1112.7	1183.8	1255.4	1322.2	1363.4
-62.5°	606.3	671.5	735.8	801.6	870.8	938.8	1003.3	1068.7	1135.3	1193.4	1243.9
-65°	535.6	596.9	654.9	712.8	770.8	831.5	890.5	947.5	1004.8	1060.3	1110.1
-67.5°	463.4	519.5	572.6	623.1	674.3	725.9	775.9	827.0	876.4	926.0	973.4
-70°	397.8	442.5	489.6	535.2	578.6	622.4	666.8	709.5	751.3	793.9	836.2
-72.5°	332.8	372.0	410.2	447.5	486.0	523.6	560.0	594.9	631.0	667.8	703.0
-75°	270.2	301.1	333.5	365.5	396.5	426.6	455.9	485.9	516.1	546.2	574.9
-77.5°	209.6	236.6	262.0	285.8	308.7	333.7	357.9	381.1	405.3	429.2	452.1
-80°	153.0	172.0	193.7	214.3	232.3	249.5	266.1	282.0	299.3	317.8	336.5
-82.5°	104.0	117.7	131.6	145.7	158.1	169.9	181.5	193.4	205.3	217.2	228.9
-85°	58.1	62.9	71.3	79.9	88.0	95.9	103.5	110.7	117.7	124.4	130.7
-87.5°	29.1	31.5	33.8	36.1	38.3	40.5	42.6	44.5	46.4	48.3	50.0
-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: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	51.6	50.9	50.0	48.9	47.6	50.9	54.2	57.6	60.8	59.0	56.9
85°	136.6	139.7	142.3	144.6	146.4	152.9	159.2	165.1	170.6	170.4	169.8
82.5°	240.5	248.2	254.9	260.8	266.1	273.7	280.6	286.5	291.5	295.3	298.5
80°	354.4	367.0	377.7	387.5	396.3	406.3	415.7	424.0	431.3	435.2	437.7
77.5°	474.7	493.1	509.5	525.2	540.0	554.6	568.1	580.0	590.4	592.9	592.3
75°	602.2	626.8	649.9	671.4	691.2	708.2	722.5	734.6	744.5	749.4	752.1
72.5°	736.4	766.8	794.0	818.5	839.6	857.1	872.2	885.4	896.5	903.5	907.7
70°	876.4	912.3	940.2	963.3	981.4	998.8	1018.3	1037.0	1054.4	1064.3	1068.0
67.5°	1016.8	1054.0	1079.7	1100.7	1117.2	1134.3	1158.9	1181.1	1200.9	1214.2	1222.7
65°	1154.2	1193.4	1219.1	1239.3	1254.4	1271.6	1299.2	1321.1	1337.9	1351.2	1363.2
62.5°	1290.0	1329.5	1358.1	1382.0	1404.1	1423.0	1445.6	1464.1	1478.4	1491.6	1506.4
60°	1407.7	1454.5	1484.5	1508.8	1536.1	1565.7	1582.3	1596.1	1608.1	1618.7	1627.9
57.5°	1503.8	1545.6	1584.1	1613.3	1641.7	1669.1	1688.8	1701.8	1712.3	1720.2	1723.3
55°	1584.2	1627.3	1670.4	1702.0	1729.9	1755.6	1777.1	1794.1	1808.1	1819.1	1821.7
52.5°	1656.3	1704.7	1747.0	1783.4	1820.4	1850.6	1874.3	1897.3	1917.4	1933.6	1940.6
50°	1734.6	1785.4	1838.1	1886.9	1926.3	1960.8	1989.5	2022.1	2056.4	2084.7	2102.6
47.5°	1817.1	1875.6	1939.3	1999.4	2046.0	2097.1	2144.8	2193.1	2256.9	2310.4	2350.1
45°	1903.3	1978.4	2051.0	2127.5	2191.9	2288.3	2377.9	2454.8	2557.0	2649.7	2723.3
42.5°	2005.2	2098.6	2187.8	2310.3	2438.4	2570.1	2712.5	2834.0	2993.8	3156.4	3287.7
40°	2125.8	2245.2	2402.4	2566.8	2769.1	2950.3	3196.1	3415.0	3660.2	3970.2	4226.3
37.5°	2271.1	2455.1	2673.6	2902.7	3218.3	3519.7	3926.0	4354.1	4742.5	5338.8	5840.4
35°	2459.7	2717.0	3004.7	3410.3	3856.9	4421.8	5055.4	5882.3	6591.3	7597.1	8558.3
32.5°	2702.8	3033.5	3503.5	4129.5	4789.6	5815.1	6820.6	8256.4	9585.8	11179.9	12900.4
30°	2973.3	3476.7	4194.7	5053.3	6284.6	7793.4	9565.9	11771.0	14184.0	16424.6	18632.6
27.5°	3365.4	4086.6	5029.9	6415.4	8334.3	10445.1	13550.8	16543.9	19666.9	22442.9	24758.0
25°	3823.2	4776.2	6234.8	8275.0	10870.1	14484.6	18202.3	21896.5	25254.9	28161.2	30719.2
22.5°	4414.2	5784.9	7729.4	10372.0	14413.1	18745.4	23104.8	27179.6	30762.0	33998.2	36767.3
20°	5057.1	6772.3	9549.2	13489.7	18111.1	23046.7	27969.1	32309.6	36254.2	39923.5	43044.4
17.5°	5871.9	8274.0	11790.6	16517.6	21860.7	27268.4	32439.6	37149.8	41625.1	45507.8	48768.7
15°	6566.3	9596.5	14186.0	19730.0	25509.3	31213.7	36673.1	41789.5	46442.2	50426.1	53491.6
12.5°	7492.6	11078.7	16312.9	22491.7	28754.4	34756.6	40507.1	45795.2	50530.2	54470.2	56856.6
10°	8368.1	12613.2	18368.5	24812.2	31318.7	37713.8	43853.8	49277.2	53673.4	56807.6	58841.3
7.5°	9112.6	13932.0	20040.7	26687.8	33356.0	40042.1	46257.4	51534.2	55587.7	58205.1	59620.9
5°	9668.4	14917.9	21281.9	28211.9	35054.5	41858.0	48024.7	52978.4	56481.8	58426.2	59137.0
2.5°	10022.6	15496.9	22002.3	29211.9	36191.2	43006.9	49236.9	54113.0	57085.4	58374.2	58496.6
0°	10164.2	15571.7	22113.3	29736.5	36477.6	43334.2	49581.8	54579.9	57309.9	58370.4	58349.4
-2.5°	10022.6	15496.9	22002.3	29211.9	36191.2	43006.9	49236.9	54113.0	57085.4	58374.2	58496.6
-5°	9668.4	14917.9	21281.9	28211.9	35054.5	41858.0	48024.7	52978.4	56481.8	58426.2	59137.0
-7.5°	9112.6	13932.0	20040.7	26687.8	33356.0	40042.1	46257.4	51534.2	55587.7	58205.1	59620.9
-10°	8368.1	12613.2	18368.5	24812.2	31318.7	37713.8	43853.8	49277.2	53673.4	56807.6	58841.3
-12.5°	7492.6	11078.7	16312.9	22491.7	28754.4	34756.6	40507.1	45795.2	50530.2	54470.2	56856.6
-15°	6566.3	9596.5	14186.0	19730.0	25509.3	31213.7	36673.1	41789.5	46442.2	50426.1	53491.6
-17.5°	5871.9	8274.0	11790.6	16517.6	21860.7	27268.4	32439.6	37149.8	41625.1	45507.8	48768.7
-20°	5057.1	6772.3	9549.2	13489.7	18111.1	23046.7	27969.1	32309.6	36254.2	39923.5	43044.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	4414.2	5784.9	7729.4	10372.0	14413.1	18745.4	23104.8	27179.6	30762.0	33998.2	36767.3
-25°	3823.2	4776.2	6234.8	8275.0	10870.1	14484.6	18202.3	21896.5	25254.9	28161.2	30719.2
-27.5°	3365.4	4086.6	5029.9	6415.4	8334.3	10445.1	13550.8	16543.9	19666.9	22442.9	24758.0
-30°	2973.3	3476.7	4194.7	5053.3	6284.6	7793.4	9565.9	11771.0	14184.0	16424.6	18632.6
-32.5°	2702.8	3033.5	3503.5	4129.5	4789.6	5815.1	6820.6	8256.4	9585.8	11179.9	12900.4
-35°	2459.7	2717.0	3004.7	3410.3	3856.9	4421.8	5055.4	5882.3	6591.3	7597.1	8558.3
-37.5°	2271.1	2455.1	2673.6	2902.7	3218.3	3519.7	3926.0	4354.1	4742.5	5338.8	5840.4
-40°	2125.8	2245.2	2402.4	2566.8	2769.1	2950.3	3196.1	3415.0	3660.2	3970.2	4226.3
-42.5°	2005.2	2098.6	2187.8	2310.3	2438.4	2570.1	2712.5	2834.0	2993.8	3156.4	3287.7
-45°	1903.3	1978.4	2051.0	2127.5	2191.9	2288.3	2377.9	2454.8	2557.0	2649.7	2723.3
-47.5°	1817.1	1875.6	1939.3	1999.4	2046.0	2097.1	2144.8	2193.1	2256.9	2310.4	2350.1
-50°	1734.6	1785.4	1838.1	1886.9	1926.3	1960.8	1989.5	2022.1	2056.4	2084.7	2102.6
-52.5°	1656.3	1704.7	1747.0	1783.4	1820.4	1850.6	1874.3	1897.3	1917.4	1933.6	1940.6
-55°	1584.2	1627.3	1670.4	1702.0	1729.9	1755.6	1777.1	1794.1	1808.1	1819.1	1821.7
-57.5°	1503.8	1545.6	1584.1	1613.3	1641.7	1669.1	1688.8	1701.8	1712.3	1720.2	1723.3
-60°	1407.7	1454.5	1484.5	1508.8	1536.1	1565.7	1582.3	1596.1	1608.1	1618.7	1627.9
-62.5°	1290.0	1329.5	1358.1	1382.0	1404.1	1423.0	1445.6	1464.1	1478.4	1491.6	1506.4
-65°	1154.2	1193.4	1219.1	1239.3	1254.4	1271.6	1299.2	1321.1	1337.9	1351.2	1363.2
-67.5°	1016.8	1054.0	1079.7	1100.7	1117.2	1134.3	1158.9	1181.1	1200.9	1214.2	1222.7
-70°	876.4	912.3	940.2	963.3	981.4	998.8	1018.3	1037.0	1054.4	1064.3	1068.0
-72.5°	736.4	766.8	794.0	818.5	839.6	857.1	872.2	885.4	896.5	903.5	907.7
-75°	602.2	626.8	649.9	671.4	691.2	708.2	722.5	734.6	744.5	749.4	752.1
-77.5°	474.7	493.1	509.5	525.2	540.0	554.6	568.1	580.0	590.4	592.9	592.3
-80°	354.4	367.0	377.7	387.5	396.3	406.3	415.7	424.0	431.3	435.2	437.7
-82.5°	240.5	248.2	254.9	260.8	266.1	273.7	280.6	286.5	291.5	295.3	298.5
-85°	136.6	139.7	142.3	144.6	146.4	152.9	159.2	165.1	170.6	170.4	169.8
-87.5°	51.6	50.9	50.0	48.9	47.6	50.9	54.2	57.6	60.8	59.0	56.9
-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: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	54.7	52.3	52.4	52.5	52.4	52.3	54.7	56.9	59.0	60.8	57.6
85°	168.7	167.1	162.6	157.5	162.6	167.1	168.7	169.8	170.4	170.6	165.1
82.5°	301.0	302.9	298.9	294.0	298.9	302.9	301.0	298.5	295.3	291.5	286.5
80°	438.9	439.0	435.3	430.5	435.3	439.0	438.9	437.7	435.2	431.3	424.0
77.5°	589.8	585.5	587.3	588.0	587.3	585.5	589.8	592.3	592.9	590.4	580.0
75°	753.1	752.4	750.0	745.5	750.0	752.4	753.1	752.1	749.4	744.5	734.6
72.5°	909.8	909.7	907.4	903.0	907.4	909.7	909.8	907.7	903.5	896.5	885.4
70°	1068.9	1067.0	1069.7	1071.0	1069.7	1067.0	1068.9	1068.0	1064.3	1054.4	1037.0
67.5°	1229.2	1233.4	1232.7	1228.5	1232.7	1233.4	1229.2	1222.7	1214.2	1200.9	1181.1
65°	1372.9	1380.0	1384.5	1386.0	1384.5	1380.0	1372.9	1363.2	1351.2	1337.9	1321.1
62.5°	1518.0	1526.3	1526.8	1522.5	1526.8	1526.3	1518.0	1506.4	1491.6	1478.4	1464.1
60°	1632.9	1634.2	1632.2	1627.5	1632.2	1634.2	1632.9	1627.9	1618.7	1608.1	1596.1
57.5°	1723.2	1720.2	1716.6	1711.5	1716.6	1720.2	1723.2	1723.3	1720.2	1712.3	1701.8
55°	1820.3	1815.3	1811.0	1806.0	1811.0	1815.3	1820.3	1821.7	1819.1	1808.1	1794.1
52.5°	1942.2	1939.5	1936.5	1932.0	1936.5	1939.5	1942.2	1940.6	1933.6	1917.4	1897.3
50°	2111.7	2114.3	2114.1	2110.5	2114.1	2114.3	2111.7	2102.6	2084.7	2056.4	2022.1
47.5°	2375.3	2389.3	2398.8	2404.5	2398.8	2389.3	2375.3	2350.1	2310.4	2256.9	2193.1
45°	2770.5	2798.5	2818.4	2835.0	2818.4	2798.5	2770.5	2723.3	2649.7	2557.0	2454.8
42.5°	3380.2	3443.0	3472.7	3465.1	3472.7	3443.0	3380.2	3287.7	3156.4	2993.8	2834.0
40°	4396.9	4498.3	4554.4	4599.1	4554.4	4498.3	4396.9	4226.3	3970.2	3660.2	3415.0
37.5°	6182.8	6379.5	6483.1	6573.1	6483.1	6379.5	6182.8	5840.4	5338.8	4742.5	4354.1
35°	9276.4	9718.9	9955.8	10038.2	9955.8	9718.9	9276.4	8558.3	7597.1	6591.3	5882.3
32.5°	14239.1	15055.2	15506.5	15855.2	15506.5	15055.2	14239.1	12900.4	11179.9	9585.8	8256.4
30°	20380.9	21455.9	22052.8	22344.4	22052.8	21455.9	20380.9	18632.6	16424.6	14184.0	11771.0
27.5°	26677.0	27899.1	28542.7	28507.9	28542.7	27899.1	26677.0	24758.0	22442.9	19666.9	16543.9
25°	32912.2	34327.7	34969.0	35543.1	34969.0	34327.7	32912.2	30719.2	28161.2	25254.9	21896.5
22.5°	39218.4	40873.6	41776.7	42200.2	41776.7	40873.6	39218.4	36767.3	33998.2	30762.0	27179.6
20°	45449.6	47292.1	48250.9	48668.3	48250.9	47292.1	45449.6	43044.4	39923.5	36254.2	32309.6
17.5°	50976.0	52774.6	53688.5	54075.8	53688.5	52774.6	50976.0	48768.7	45507.8	41625.1	37149.8
15°	55388.7	56715.4	57492.6	57698.4	57492.6	56715.4	55388.7	53491.6	50426.1	46442.2	41789.5
12.5°	58439.0	58952.9	59326.6	59441.4	59326.6	58952.9	58439.0	56856.6	54470.2	50530.2	45795.2
10°	59998.4	59766.6	59670.7	59682.9	59670.7	59766.6	59998.4	58841.3	56807.6	53673.4	49277.2
7.5°	59891.2	59547.8	58858.2	58748.4	58858.2	59547.8	59891.2	59620.9	58205.1	55587.7	51534.2
5°	59030.7	58405.6	57261.0	56931.9	57261.0	58405.6	59030.7	59137.0	58426.2	56481.8	52978.4
2.5°	58027.8	56900.9	55846.4	55167.9	55846.4	56900.9	58027.8	58496.6	58374.2	57085.4	54113.0
0°	57729.9	56427.9	55062.9	54621.9	55062.9	56427.9	57729.9	58349.4	58370.4	57309.9	54579.9
-2.5°	58027.8	56900.9	55846.4	55167.9	55846.4	56900.9	58027.8	58496.6	58374.2	57085.4	54113.0
-5°	59030.7	58405.6	57261.0	56931.9	57261.0	58405.6	59030.7	59137.0	58426.2	56481.8	52978.4
-7.5°	59891.2	59547.8	58858.2	58748.4	58858.2	59547.8	59891.2	59620.9	58205.1	55587.7	51534.2
-10°	59998.4	59766.6	59670.7	59682.9	59670.7	59766.6	59998.4	58841.3	56807.6	53673.4	49277.2
-12.5°	58439.0	58952.9	59326.6	59441.4	59326.6	58952.9	58439.0	56856.6	54470.2	50530.2	45795.2
-15°	55388.7	56715.4	57492.6	57698.4	57492.6	56715.4	55388.7	53491.6	50426.1	46442.2	41789.5
-17.5°	50976.0	52774.6	53688.5	54075.8	53688.5	52774.6	50976.0	48768.7	45507.8	41625.1	37149.8
-20°	45449.6	47292.1	48250.9	48668.3	48250.9	47292.1	45449.6	43044.4	39923.5	36254.2	32309.6



REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	39218.4	40873.6	41776.7	42200.2	41776.7	40873.6	39218.4	36767.3	33998.2	30762.0	27179.6
-25°	32912.2	34327.7	34969.0	35543.1	34969.0	34327.7	32912.2	30719.2	28161.2	25254.9	21896.5
-27.5°	26677.0	27899.1	28542.7	28507.9	28542.7	27899.1	26677.0	24758.0	22442.9	19666.9	16543.9
-30°	20380.9	21455.9	22052.8	22344.4	22052.8	21455.9	20380.9	18632.6	16424.6	14184.0	11771.0
-32.5°	14239.1	15055.2	15506.5	15855.2	15506.5	15055.2	14239.1	12900.4	11179.9	9585.8	8256.4
-35°	9276.4	9718.9	9955.8	10038.2	9955.8	9718.9	9276.4	8558.3	7597.1	6591.3	5882.3
-37.5°	6182.8	6379.5	6483.1	6573.1	6483.1	6379.5	6182.8	5840.4	5338.8	4742.5	4354.1
-40°	4396.9	4498.3	4554.4	4599.1	4554.4	4498.3	4396.9	4226.3	3970.2	3660.2	3415.0
-42.5°	3380.2	3443.0	3472.7	3465.1	3472.7	3443.0	3380.2	3287.7	3156.4	2993.8	2834.0
-45°	2770.5	2798.5	2818.4	2835.0	2818.4	2798.5	2770.5	2723.3	2649.7	2557.0	2454.8
-47.5°	2375.3	2389.3	2398.8	2404.5	2398.8	2389.3	2375.3	2350.1	2310.4	2256.9	2193.1
-50°	2111.7	2114.3	2114.1	2110.5	2114.1	2114.3	2111.7	2102.6	2084.7	2056.4	2022.1
-52.5°	1942.2	1939.5	1936.5	1932.0	1936.5	1939.5	1942.2	1940.6	1933.6	1917.4	1897.3
-55°	1820.3	1815.3	1811.0	1806.0	1811.0	1815.3	1820.3	1821.7	1819.1	1808.1	1794.1
-57.5°	1723.2	1720.2	1716.6	1711.5	1716.6	1720.2	1723.2	1723.3	1720.2	1712.3	1701.8
-60°	1632.9	1634.2	1632.2	1627.5	1632.2	1634.2	1632.9	1627.9	1618.7	1608.1	1596.1
-62.5°	1518.0	1526.3	1526.8	1522.5	1526.8	1526.3	1518.0	1506.4	1491.6	1478.4	1464.1
-65°	1372.9	1380.0	1384.5	1386.0	1384.5	1380.0	1372.9	1363.2	1351.2	1337.9	1321.1
-67.5°	1229.2	1233.4	1232.7	1228.5	1232.7	1233.4	1229.2	1222.7	1214.2	1200.9	1181.1
-70°	1068.9	1067.0	1069.7	1071.0	1069.7	1067.0	1068.9	1068.0	1064.3	1054.4	1037.0
-72.5°	909.8	909.7	907.4	903.0	907.4	909.7	909.8	907.7	903.5	896.5	885.4
-75°	753.1	752.4	750.0	745.5	750.0	752.4	753.1	752.1	749.4	744.5	734.6
-77.5°	589.8	585.5	587.3	588.0	587.3	585.5	589.8	592.3	592.9	590.4	580.0
-80°	438.9	439.0	435.3	430.5	435.3	439.0	438.9	437.7	435.2	431.3	424.0
-82.5°	301.0	302.9	298.9	294.0	298.9	302.9	301.0	298.5	295.3	291.5	286.5
-85°	168.7	167.1	162.6	157.5	162.6	167.1	168.7	169.8	170.4	170.6	165.1
-87.5°	54.7	52.3	52.4	52.5	52.4	52.3	54.7	56.9	59.0	60.8	57.6
-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: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	54.2	50.9	47.6	48.9	50.0	50.9	51.6	50.0	48.3	46.4	44.5
85°	159.2	152.9	146.4	144.6	142.3	139.7	136.6	130.7	124.4	117.7	110.7
82.5°	280.6	273.7	266.1	260.8	254.9	248.2	240.5	228.9	217.2	205.3	193.4
80°	415.7	406.3	396.3	387.5	377.7	367.0	354.4	336.5	317.8	299.3	282.0
77.5°	568.1	554.6	540.0	525.2	509.5	493.1	474.7	452.1	429.2	405.3	381.1
75°	722.5	708.2	691.2	671.4	649.9	626.8	602.2	574.9	546.2	516.1	485.9
72.5°	872.2	857.1	839.6	818.5	794.0	766.8	736.4	703.0	667.8	631.0	594.9
70°	1018.3	998.8	981.4	963.3	940.2	912.3	876.4	836.2	793.9	751.3	709.5
67.5°	1158.9	1134.3	1117.2	1100.7	1079.7	1054.0	1016.8	973.4	926.0	876.4	827.0
65°	1299.2	1271.6	1254.4	1239.3	1219.1	1193.4	1154.2	1110.1	1060.3	1004.8	947.5
62.5°	1445.6	1423.0	1404.1	1382.0	1358.1	1329.5	1290.0	1243.9	1193.4	1135.3	1068.7
60°	1582.3	1565.7	1536.1	1508.8	1484.5	1454.5	1407.7	1363.4	1322.2	1255.4	1183.8
57.5°	1688.8	1669.1	1641.7	1613.3	1584.1	1545.6	1503.8	1461.8	1414.0	1357.7	1291.1
55°	1777.1	1755.6	1729.9	1702.0	1670.4	1627.3	1584.2	1539.4	1493.3	1446.4	1381.3
52.5°	1874.3	1850.6	1820.4	1783.4	1747.0	1704.7	1656.3	1608.7	1565.6	1517.6	1464.3
50°	1989.5	1960.8	1926.3	1886.9	1838.1	1785.4	1734.6	1679.1	1633.9	1587.2	1533.0
47.5°	2144.8	2097.1	2046.0	1999.4	1939.3	1875.6	1817.1	1760.0	1706.5	1656.1	1600.7
45°	2377.9	2288.3	2191.9	2127.5	2051.0	1978.4	1903.3	1839.0	1777.8	1720.8	1668.9
42.5°	2712.5	2570.1	2438.4	2310.3	2187.8	2098.6	2005.2	1925.2	1851.2	1783.8	1722.8
40°	3196.1	2950.3	2769.1	2566.8	2402.4	2245.2	2125.8	2017.0	1931.3	1851.2	1777.2
37.5°	3926.0	3519.7	3218.3	2902.7	2673.6	2455.1	2271.1	2129.3	2013.0	1920.1	1834.0
35°	5055.4	4421.8	3856.9	3410.3	3004.7	2717.0	2459.7	2261.2	2112.2	1990.8	1890.3
32.5°	6820.6	5815.1	4789.6	4129.5	3503.5	3033.5	2702.8	2429.5	2218.5	2074.0	1953.2
30°	9565.9	7793.4	6284.6	5053.3	4194.7	3476.7	2973.3	2639.1	2369.2	2158.3	2016.9
27.5°	13550.8	10445.1	8334.3	6415.4	5029.9	4086.6	3365.4	2863.4	2527.8	2276.2	2090.1
25°	18202.3	14484.6	10870.1	8275.0	6234.8	4776.2	3823.2	3177.6	2724.1	2399.1	2154.4
22.5°	23104.8	18745.4	14413.1	10372.0	7729.4	5784.9	4414.2	3494.5	2909.5	2530.0	2247.9
20°	27969.1	23046.7	18111.1	13489.7	9549.2	6772.3	5057.1	3915.0	3168.3	2676.7	2336.6
17.5°	32439.6	27268.4	21860.7	16517.6	11790.6	8274.0	5871.9	4340.1	3394.1	2807.1	2413.4
15°	36673.1	31213.7	25509.3	19730.0	14186.0	9596.5	6566.3	4710.5	3628.8	2958.6	2513.8
12.5°	40507.1	34756.6	28754.4	22491.7	16312.9	11078.7	7492.6	5256.3	3917.3	3115.9	2608.5
10°	43853.8	37713.8	31318.7	24812.2	18368.5	12613.2	8368.1	5722.0	4167.1	3246.2	2685.9
7.5°	46257.4	40042.1	33356.0	26687.8	20040.7	13932.0	9112.6	6090.5	4363.3	3346.1	2745.6
5°	48024.7	41858.0	35054.5	28211.9	21281.9	14917.9	9668.4	6349.8	4503.5	3415.1	2787.0
2.5°	49236.9	43006.9	36191.2	29211.9	22002.3	15496.9	10022.6	6489.1	4569.9	3469.3	2809.9
0°	49581.8	43334.2	36477.6	29736.5	22113.3	15571.7	10164.2	6510.1	4567.6	3496.6	2814.0
-2.5°	49236.9	43006.9	36191.2	29211.9	22002.3	15496.9	10022.6	6489.1	4569.9	3469.3	2809.9
-5°	48024.7	41858.0	35054.5	28211.9	21281.9	14917.9	9668.4	6349.8	4503.5	3415.1	2787.0
-7.5°	46257.4	40042.1	33356.0	26687.8	20040.7	13932.0	9112.6	6090.5	4363.3	3346.1	2745.6
-10°	43853.8	37713.8	31318.7	24812.2	18368.5	12613.2	8368.1	5722.0	4167.1	3246.2	2685.9
-12.5°	40507.1	34756.6	28754.4	22491.7	16312.9	11078.7	7492.6	5256.3	3917.3	3115.9	2608.5
-15°	36673.1	31213.7	25509.3	19730.0	14186.0	9596.5	6566.3	4710.5	3628.8	2958.6	2513.8
-17.5°	32439.6	27268.4	21860.7	16517.6	11790.6	8274.0	5871.9	4340.1	3394.1	2807.1	2413.4
-20°	27969.1	23046.7	18111.1	13489.7	9549.2	6772.3	5057.1	3915.0	3168.3	2676.7	2336.6



REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	23104.8	18745.4	14413.1	10372.0	7729.4	5784.9	4414.2	3494.5	2909.5	2530.0	2247.9
-25°	18202.3	14484.6	10870.1	8275.0	6234.8	4776.2	3823.2	3177.6	2724.1	2399.1	2154.4
-27.5°	13550.8	10445.1	8334.3	6415.4	5029.9	4086.6	3365.4	2863.4	2527.8	2276.2	2090.1
-30°	9565.9	7793.4	6284.6	5053.3	4194.7	3476.7	2973.3	2639.1	2369.2	2158.3	2016.9
-32.5°	6820.6	5815.1	4789.6	4129.5	3503.5	3033.5	2702.8	2429.5	2218.5	2074.0	1953.2
-35°	5055.4	4421.8	3856.9	3410.3	3004.7	2717.0	2459.7	2261.2	2112.2	1990.8	1890.3
-37.5°	3926.0	3519.7	3218.3	2902.7	2673.6	2455.1	2271.1	2129.3	2013.0	1920.1	1834.0
-40°	3196.1	2950.3	2769.1	2566.8	2402.4	2245.2	2125.8	2017.0	1931.3	1851.2	1777.2
-42.5°	2712.5	2570.1	2438.4	2310.3	2187.8	2098.6	2005.2	1925.2	1851.2	1783.8	1722.8
-45°	2377.9	2288.3	2191.9	2127.5	2051.0	1978.4	1903.3	1839.0	1777.8	1720.8	1668.9
-47.5°	2144.8	2097.1	2046.0	1999.4	1939.3	1875.6	1817.1	1760.0	1706.5	1656.1	1600.7
-50°	1989.5	1960.8	1926.3	1886.9	1838.1	1785.4	1734.6	1679.1	1633.9	1587.2	1533.0
-52.5°	1874.3	1850.6	1820.4	1783.4	1747.0	1704.7	1656.3	1608.7	1565.6	1517.6	1464.3
-55°	1777.1	1755.6	1729.9	1702.0	1670.4	1627.3	1584.2	1539.4	1493.3	1446.4	1381.3
-57.5°	1688.8	1669.1	1641.7	1613.3	1584.1	1545.6	1503.8	1461.8	1414.0	1357.7	1291.1
-60°	1582.3	1565.7	1536.1	1508.8	1484.5	1454.5	1407.7	1363.4	1322.2	1255.4	1183.8
-62.5°	1445.6	1423.0	1404.1	1382.0	1358.1	1329.5	1290.0	1243.9	1193.4	1135.3	1068.7
-65°	1299.2	1271.6	1254.4	1239.3	1219.1	1193.4	1154.2	1110.1	1060.3	1004.8	947.5
-67.5°	1158.9	1134.3	1117.2	1100.7	1079.7	1054.0	1016.8	973.4	926.0	876.4	827.0
-70°	1018.3	998.8	981.4	963.3	940.2	912.3	876.4	836.2	793.9	751.3	709.5
-72.5°	872.2	857.1	839.6	818.5	794.0	766.8	736.4	703.0	667.8	631.0	594.9
-75°	722.5	708.2	691.2	671.4	649.9	626.8	602.2	574.9	546.2	516.1	485.9
-77.5°	568.1	554.6	540.0	525.2	509.5	493.1	474.7	452.1	429.2	405.3	381.1
-80°	415.7	406.3	396.3	387.5	377.7	367.0	354.4	336.5	317.8	299.3	282.0
-82.5°	280.6	273.7	266.1	260.8	254.9	248.2	240.5	228.9	217.2	205.3	193.4
-85°	159.2	152.9	146.4	144.6	142.3	139.7	136.6	130.7	124.4	117.7	110.7
-87.5°	54.2	50.9	47.6	48.9	50.0	50.9	51.6	50.0	48.3	46.4	44.5
-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: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	42.6	40.5	38.3	36.1	33.8	31.5	29.1	26.6	23.1	19.7	16.6
85°	103.5	95.9	88.0	79.9	71.3	62.9	58.1	53.1	46.1	39.4	33.1
82.5°	181.5	169.9	158.1	145.7	131.6	117.7	104.0	90.7	75.9	60.2	49.5
80°	266.1	249.5	232.3	214.3	193.7	172.0	153.0	134.6	116.6	97.5	77.2
77.5°	357.9	333.7	308.7	285.8	262.0	236.6	209.6	181.6	157.2	134.6	110.5
75°	455.9	426.6	396.5	365.5	333.5	301.1	270.2	237.9	205.4	172.3	143.7
72.5°	560.0	523.6	486.0	447.5	410.2	372.0	332.8	293.6	255.8	217.3	178.3
70°	666.8	622.4	578.6	535.2	489.6	442.5	397.8	351.7	305.7	261.8	217.3
67.5°	775.9	725.9	674.3	623.1	572.6	519.5	463.4	409.5	357.1	305.7	255.8
65°	890.5	831.5	770.8	712.8	654.9	596.9	535.6	468.4	407.4	349.9	293.6
62.5°	1003.3	938.8	870.8	801.6	735.8	671.5	606.3	531.7	458.0	393.1	330.9
60°	1112.7	1040.4	967.2	890.7	815.7	743.7	671.4	593.3	513.0	435.1	367.3
57.5°	1213.0	1137.0	1055.3	974.7	894.0	814.3	734.3	651.4	566.3	480.8	402.6
55°	1307.1	1224.4	1139.0	1052.0	967.3	882.4	795.5	707.2	617.7	526.3	437.3
52.5°	1395.4	1309.1	1218.5	1126.0	1034.3	946.7	855.1	761.4	666.4	570.2	475.3
50°	1472.7	1391.5	1295.6	1198.0	1098.6	1006.0	912.9	813.8	713.6	612.3	512.4
47.5°	1537.6	1463.0	1370.3	1267.5	1163.1	1064.1	967.0	864.5	759.1	652.7	548.1
45°	1601.0	1529.1	1439.5	1334.6	1226.7	1122.1	1019.1	913.2	802.9	691.8	582.1
42.5°	1660.5	1588.6	1505.0	1398.9	1287.5	1177.9	1069.7	959.3	844.8	728.9	614.5
40°	1711.1	1640.8	1566.6	1460.8	1344.9	1230.5	1117.8	1003.6	884.8	764.2	645.1
37.5°	1760.4	1688.4	1611.9	1519.1	1398.7	1280.0	1162.9	1046.2	923.5	798.4	673.9
35°	1808.2	1733.6	1652.6	1564.3	1448.7	1326.0	1205.0	1085.9	959.7	831.0	700.9
32.5°	1850.8	1774.2	1690.1	1600.9	1494.9	1368.6	1244.1	1120.9	993.3	861.9	725.9
30°	1901.6	1808.3	1723.8	1636.9	1534.3	1407.5	1280.1	1153.4	1024.3	891.0	749.5
27.5°	1950.2	1841.1	1754.0	1666.8	1565.3	1442.9	1313.6	1183.6	1052.6	917.5	772.8
25°	1997.2	1878.6	1782.0	1691.9	1594.9	1476.7	1344.2	1211.1	1077.6	940.6	794.3
22.5°	2051.2	1912.9	1808.2	1713.6	1623.3	1507.3	1372.0	1236.1	1099.9	961.3	814.0
20°	2099.4	1941.2	1832.4	1734.1	1644.6	1530.4	1396.8	1258.4	1119.7	979.6	831.7
17.5°	2146.2	1973.3	1856.0	1753.8	1660.5	1550.6	1418.5	1277.9	1137.1	995.5	847.5
15°	2211.4	2010.1	1876.6	1770.6	1674.0	1567.9	1437.1	1294.6	1151.9	1009.0	861.7
12.5°	2267.3	2040.9	1893.5	1784.4	1684.9	1582.1	1452.6	1308.5	1164.2	1021.0	874.3
10°	2312.6	2065.5	1906.7	1795.1	1693.4	1593.3	1464.8	1320.2	1175.8	1031.4	884.6
7.5°	2347.1	2083.8	1916.2	1802.6	1699.2	1601.5	1476.0	1330.6	1185.1	1039.5	892.6
5°	2370.5	2095.9	1924.1	1806.9	1702.4	1606.4	1484.3	1338.0	1191.7	1045.3	898.4
2.5°	2382.6	2101.2	1930.0	1808.1	1703.0	1608.0	1489.3	1342.5	1195.7	1048.8	901.8
0°	2383.5	2100.0	1932.0	1806.0	1701.0	1606.5	1491.0	1344.0	1197.0	1050.0	903.0
-2.5°	2382.6	2101.2	1930.0	1808.1	1703.0	1608.0	1489.3	1342.5	1195.7	1048.8	901.8
-5°	2370.5	2095.9	1924.1	1806.9	1702.4	1606.4	1484.3	1338.0	1191.7	1045.3	898.4
-7.5°	2347.1	2083.8	1916.2	1802.6	1699.2	1601.5	1476.0	1330.6	1185.1	1039.5	892.6
-10°	2312.6	2065.5	1906.7	1795.1	1693.4	1593.3	1464.8	1320.2	1175.8	1031.4	884.6
-12.5°	2267.3	2040.9	1893.5	1784.4	1684.9	1582.1	1452.6	1308.5	1164.2	1021.0	874.3
-15°	2211.4	2010.1	1876.6	1770.6	1674.0	1567.9	1437.1	1294.6	1151.9	1009.0	861.7
-17.5°	2146.2	1973.3	1856.0	1753.8	1660.5	1550.6	1418.5	1277.9	1137.1	995.5	847.5
-20°	2099.4	1941.2	1832.4	1734.1	1644.6	1530.4	1396.8	1258.4	1119.7	979.6	831.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	2051.2	1912.9	1808.2	1713.6	1623.3	1507.3	1372.0	1236.1	1099.9	961.3	814.0
-25°	1997.2	1878.6	1782.0	1691.9	1594.9	1476.7	1344.2	1211.1	1077.6	940.6	794.3
-27.5°	1950.2	1841.1	1754.0	1666.8	1565.3	1442.9	1313.6	1183.6	1052.6	917.5	772.8
-30°	1901.6	1808.3	1723.8	1636.9	1534.3	1407.5	1280.1	1153.4	1024.3	891.0	749.5
-32.5°	1850.8	1774.2	1690.1	1600.9	1494.9	1368.6	1244.1	1120.9	993.3	861.9	725.9
-35°	1808.2	1733.6	1652.6	1564.3	1448.7	1326.0	1205.0	1085.9	959.7	831.0	700.9
-37.5°	1760.4	1688.4	1611.9	1519.1	1398.7	1280.0	1162.9	1046.2	923.5	798.4	673.9
-40°	1711.1	1640.8	1566.6	1460.8	1344.9	1230.5	1117.8	1003.6	884.8	764.2	645.1
-42.5°	1660.5	1588.6	1505.0	1398.9	1287.5	1177.9	1069.7	959.3	844.8	728.9	614.5
-45°	1601.0	1529.1	1439.5	1334.6	1226.7	1122.1	1019.1	913.2	802.9	691.8	582.1
-47.5°	1537.6	1463.0	1370.3	1267.5	1163.1	1064.1	967.0	864.5	759.1	652.7	548.1
-50°	1472.7	1391.5	1295.6	1198.0	1098.6	1006.0	912.9	813.8	713.6	612.3	512.4
-52.5°	1395.4	1309.1	1218.5	1126.0	1034.3	946.7	855.1	761.4	666.4	570.2	475.3
-55°	1307.1	1224.4	1139.0	1052.0	967.3	882.4	795.5	707.2	617.7	526.3	437.3
-57.5°	1213.0	1137.0	1055.3	974.7	894.0	814.3	734.3	651.4	566.3	480.8	402.6
-60°	1112.7	1040.4	967.2	890.7	815.7	743.7	671.4	593.3	513.0	435.1	367.3
-62.5°	1003.3	938.8	870.8	801.6	735.8	671.5	606.3	531.7	458.0	393.1	330.9
-65°	890.5	831.5	770.8	712.8	654.9	596.9	535.6	468.4	407.4	349.9	293.6
-67.5°	775.9	725.9	674.3	623.1	572.6	519.5	463.4	409.5	357.1	305.7	255.8
-70°	666.8	622.4	578.6	535.2	489.6	442.5	397.8	351.7	305.7	261.8	217.3
-72.5°	560.0	523.6	486.0	447.5	410.2	372.0	332.8	293.6	255.8	217.3	178.3
-75°	455.9	426.6	396.5	365.5	333.5	301.1	270.2	237.9	205.4	172.3	143.7
-77.5°	357.9	333.7	308.7	285.8	262.0	236.6	209.6	181.6	157.2	134.6	110.5
-80°	266.1	249.5	232.3	214.3	193.7	172.0	153.0	134.6	116.6	97.5	77.2
-82.5°	181.5	169.9	158.1	145.7	131.6	117.7	104.0	90.7	75.9	60.2	49.5
-85°	103.5	95.9	88.0	79.9	71.3	62.9	58.1	53.1	46.1	39.4	33.1
-87.5°	42.6	40.5	38.3	36.1	33.8	31.5	29.1	26.6	23.1	19.7	16.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
85°	27.1	22.7	18.2	13.7	9.1	4.6	0.0
82.5°	40.7	34.0	27.3	20.5	13.7	6.9	0.0
80°	56.0	45.2	36.3	27.3	18.2	9.1	0.0
77.5°	85.4	61.1	45.2	34.0	22.7	11.4	0.0
75°	114.5	85.4	56.0	40.7	27.1	13.6	0.0
72.5°	143.2	109.4	75.3	47.2	31.5	15.8	0.0
70°	172.3	133.1	94.3	55.2	35.9	18.0	0.0
67.5°	205.0	156.5	113.0	69.3	40.1	20.1	0.0
65°	237.1	181.2	131.4	83.1	44.3	22.2	0.0
62.5°	268.5	207.0	149.5	96.6	48.4	24.2	0.0
60°	299.0	232.1	167.1	109.9	52.5	26.2	0.0
57.5°	329.5	256.5	186.3	122.8	60.9	28.2	0.0
55°	359.5	280.2	205.1	135.4	69.1	30.1	0.0
52.5°	388.8	303.3	223.2	147.6	77.0	32.0	0.0
50°	417.3	327.1	240.6	159.4	84.7	33.7	0.0
47.5°	445.3	350.3	257.3	171.0	92.0	35.5	0.0
45°	474.4	372.6	273.3	182.9	99.0	37.1	0.0
42.5°	502.1	394.1	288.5	194.3	105.6	38.7	0.0
40°	528.3	414.8	303.9	204.9	111.9	40.2	0.0
37.5°	553.0	434.5	319.6	214.7	117.8	41.6	0.0
35°	576.2	453.7	334.4	223.9	123.3	43.0	0.0
32.5°	597.9	471.8	348.5	232.5	128.4	44.3	0.0
30°	617.9	488.7	361.6	240.5	133.2	45.5	0.0
27.5°	636.2	504.2	373.3	247.9	137.5	46.6	0.0
25°	652.9	518.4	383.9	254.6	141.4	47.6	0.0
22.5°	667.8	530.9	393.4	260.6	144.9	48.5	0.0
20°	681.1	541.6	402.0	266.0	148.0	49.3	0.0
17.5°	693.1	551.0	409.4	270.7	150.6	50.1	0.0
15°	703.8	559.0	415.8	274.6	152.9	50.7	0.0
12.5°	713.1	565.6	421.0	277.9	154.7	51.3	0.0
10°	720.8	570.8	425.2	280.5	156.1	51.7	0.0
7.5°	726.9	574.6	428.2	282.3	157.0	52.1	0.0
5°	731.4	577.0	430.1	283.4	157.6	52.3	0.0
2.5°	734.1	578.0	430.9	283.8	157.8	52.4	0.0
0°	735.0	577.5	430.5	283.5	157.5	52.5	0.0
-2.5°	734.1	578.0	430.9	283.8	157.8	52.4	0.0
-5°	731.4	577.0	430.1	283.4	157.6	52.3	0.0
-7.5°	726.9	574.6	428.2	282.3	157.0	52.1	0.0
-10°	720.8	570.8	425.2	280.5	156.1	51.7	0.0
-12.5°	713.1	565.6	421.0	277.9	154.7	51.3	0.0
-15°	703.8	559.0	415.8	274.6	152.9	50.7	0.0
-17.5°	693.1	551.0	409.4	270.7	150.6	50.1	0.0
-20°	681.1	541.6	402.0	266.0	148.0	49.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627997 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	667.8	530.9	393.4	260.6	144.9	48.5	0.0
-25°	652.9	518.4	383.9	254.6	141.4	47.6	0.0
-27.5°	636.2	504.2	373.3	247.9	137.5	46.6	0.0
-30°	617.9	488.7	361.6	240.5	133.2	45.5	0.0
-32.5°	597.9	471.8	348.5	232.5	128.4	44.3	0.0
-35°	576.2	453.7	334.4	223.9	123.3	43.0	0.0
-37.5°	553.0	434.5	319.6	214.7	117.8	41.6	0.0
-40°	528.3	414.8	303.9	204.9	111.9	40.2	0.0
-42.5°	502.1	394.1	288.5	194.3	105.6	38.7	0.0
-45°	474.4	372.6	273.3	182.9	99.0	37.1	0.0
-47.5°	445.3	350.3	257.3	171.0	92.0	35.5	0.0
-50°	417.3	327.1	240.6	159.4	84.7	33.7	0.0
-52.5°	388.8	303.3	223.2	147.6	77.0	32.0	0.0
-55°	359.5	280.2	205.1	135.4	69.1	30.1	0.0
-57.5°	329.5	256.5	186.3	122.8	60.9	28.2	0.0
-60°	299.0	232.1	167.1	109.9	52.5	26.2	0.0
-62.5°	268.5	207.0	149.5	96.6	48.4	24.2	0.0
-65°	237.1	181.2	131.4	83.1	44.3	22.2	0.0
-67.5°	205.0	156.5	113.0	69.3	40.1	20.1	0.0
-70°	172.3	133.1	94.3	55.2	35.9	18.0	0.0
-72.5°	143.2	109.4	75.3	47.2	31.5	15.8	0.0
-75°	114.5	85.4	56.0	40.7	27.1	13.6	0.0
-77.5°	85.4	61.1	45.2	34.0	22.7	11.4	0.0
-80°	56.0	45.2	36.3	27.3	18.2	9.1	0.0
-82.5°	40.7	34.0	27.3	20.5	13.7	6.9	0.0
-85°	27.1	22.7	18.2	13.7	9.1	4.6	0.0
-87.5°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)