

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: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-735-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627757 (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-SA5E-735-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N122
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

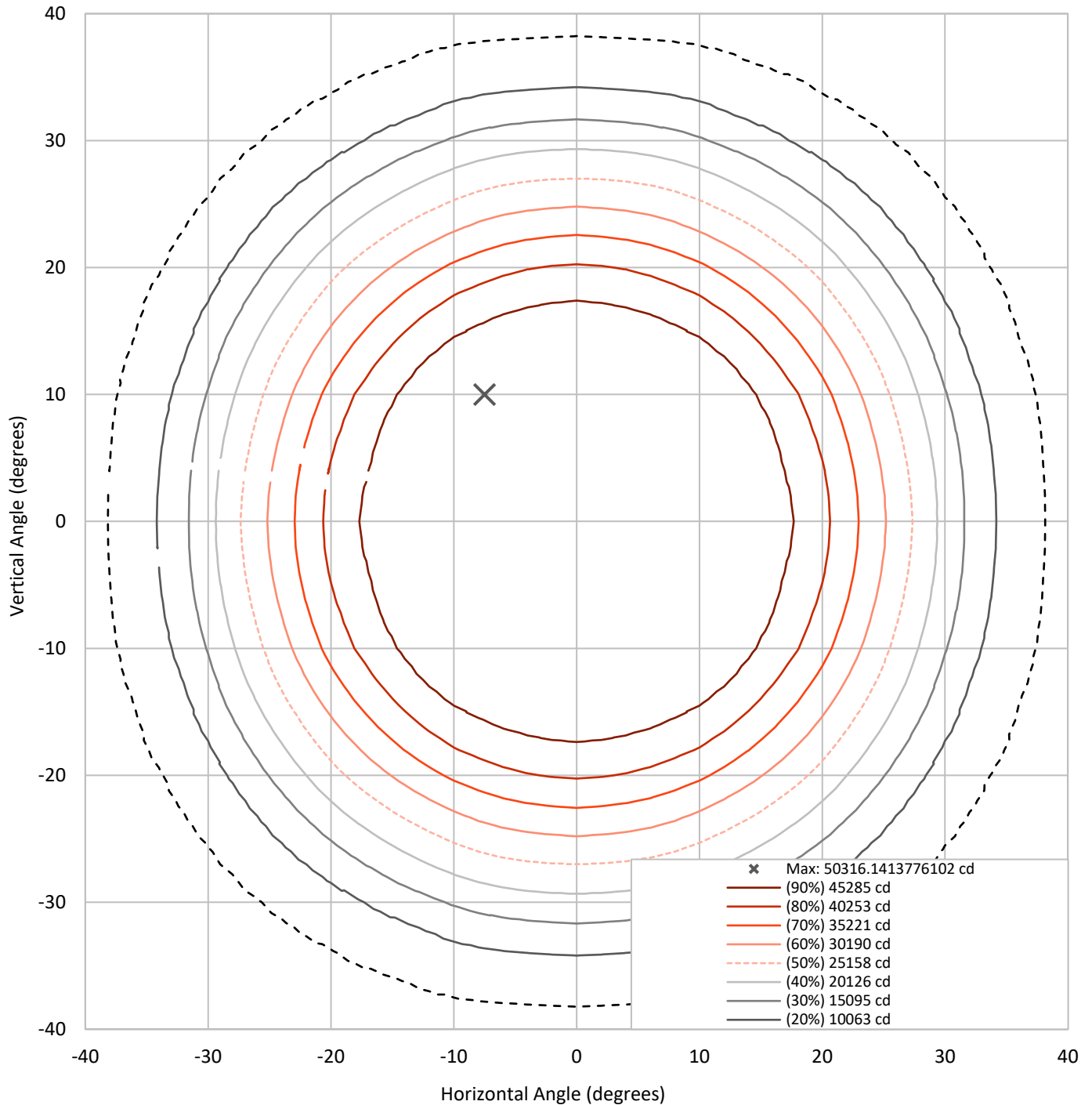
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	42823.8 lumens	Max Intensity:	50316.1 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	136.5 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:	28423.9 lumens	Field Lumens:	36959.2 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	313.7		
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





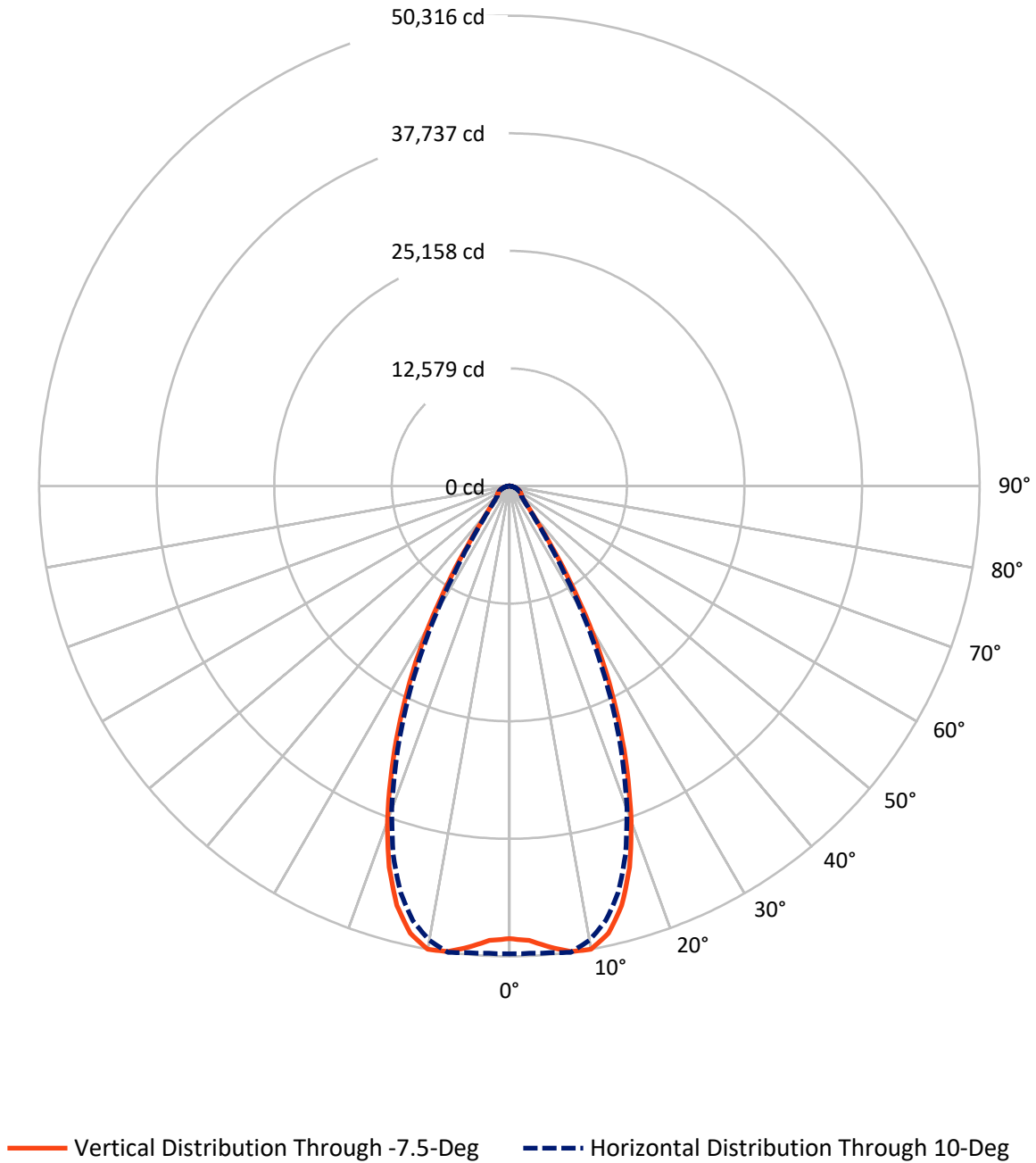
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Lumen Table

90																			
80	1.1	10.0		26.9		42.5		47.5		42.5		26.9		10.0		1.1			
70	4.6	5.2	10.5	17.1	24.0	29.1	32.9	34.8	34.8	32.9	29.1	24.0	17.1	10.5	5.2	4.6			
60		7.7	15.5	24.7	33.0	40.0	44.7	46.7	46.7	44.7	40.0	33.0	24.7	15.5	7.7				
50	8.0	9.9	19.6	30.0	40.2	52.3	65.8	75.5	75.5	65.8	52.3	40.2	30.0	19.6	9.9	8.0			
40		11.8	22.7	34.5	53.3	97.3	186.3	276.1	276.1	186.3	97.3	53.3	34.5	22.7	11.8				
30	10.4	13.2	24.8	40.2	87.7	274.9	616.8	861.2	861.2	616.8	274.9	87.7	40.2	24.8	13.2	10.4			
20		14.1	26.1	47.8	158.6	586.1	1119.2	1400.7	1400.7	1119.2	586.1	158.6	47.8	26.1	14.1				
10	11.2	14.6	26.7	53.8	228.3	802.0	1357.8	1477.3	1477.3	1357.8	802.0	228.3	53.8	26.7	14.6	11.2			
0		14.6	26.7	53.8	228.3	802.0	1357.8	1477.3	1477.3	1357.8	802.0	228.3	53.8	26.7	14.6				
-10	10.4	14.1	26.1	47.8	158.6	586.1	1119.2	1400.7	1400.7	1119.2	586.1	158.6	47.8	26.1	14.1	10.4			
-20		13.2	24.8	40.2	87.7	274.9	616.8	861.2	861.2	616.8	274.9	87.7	40.2	24.8	13.2				
-30	8.0	11.8	22.7	34.5	53.3	97.3	186.3	276.1	276.1	186.3	97.3	53.3	34.5	22.7	11.8	8.0			
-40		9.9	19.6	30.0	40.2	52.3	65.8	75.5	75.5	65.8	52.3	40.2	30.0	19.6	9.9				
-50	4.6	7.7	15.5	24.7	33.0	40.0	44.7	46.7	46.7	44.7	40.0	33.0	24.7	15.5	7.7	4.6			
-60		5.2	10.5	17.1	24.0	29.1	32.9	34.8	34.8	32.9	29.1	24.0	17.1	10.5	5.2				
-70	1.1	10.0		26.9		42.5		47.5		42.5		26.9		10.0		1.1			
-80																			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

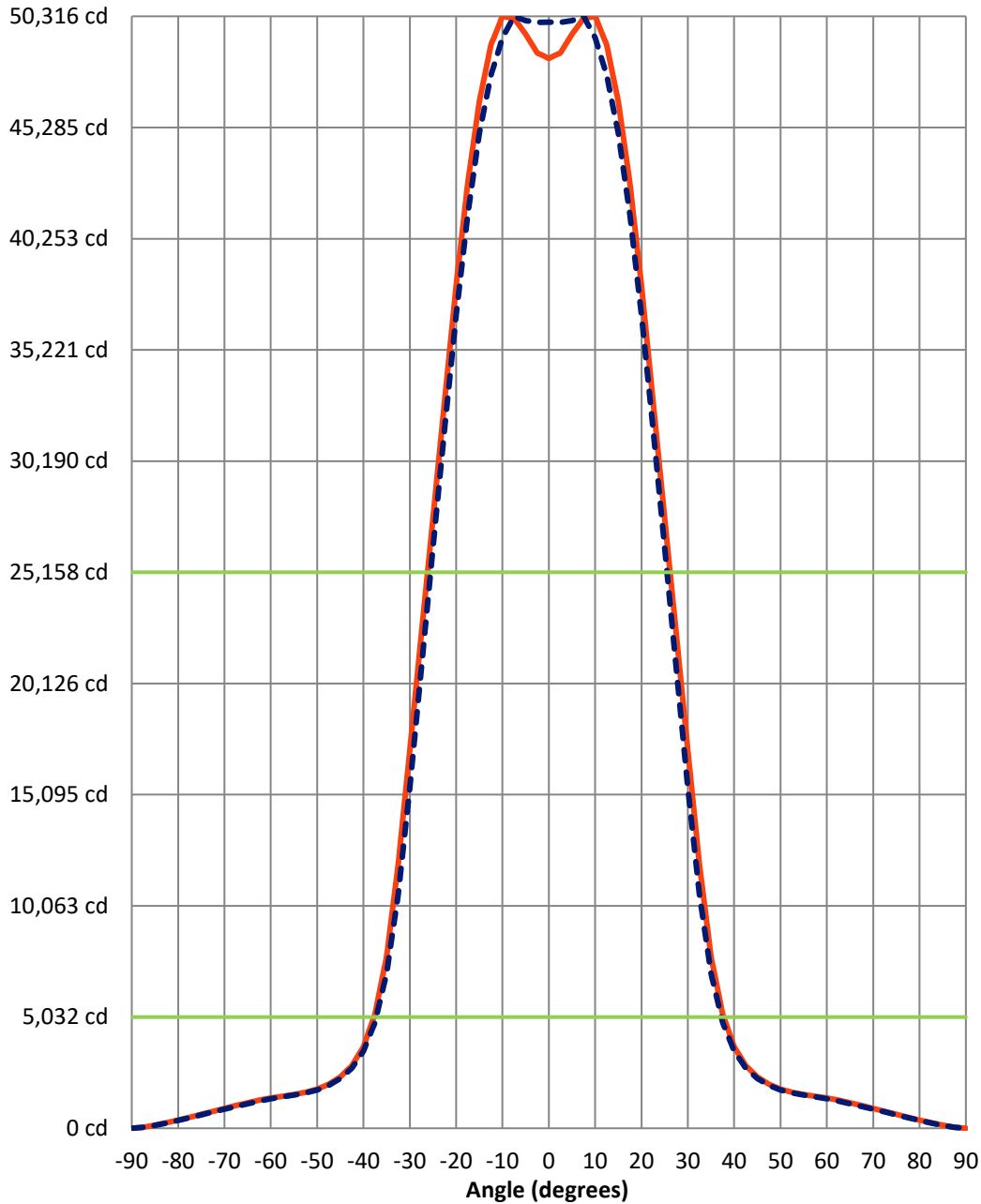
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 28423.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 36959.2
 Efficiency: 86.3%

Spill:
 Lumens: 5864.6
 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	1.9	3.8	5.7	7.6	9.5	11.4	13.9	16.5	19.4	22.3
85°	0.0	3.8	7.7	11.5	15.3	19.0	22.7	27.7	33.0	38.6	44.5
82.5°	0.0	5.7	11.5	17.2	22.9	28.5	34.1	41.5	50.4	63.6	76.0
80°	0.0	7.6	15.3	22.9	30.4	37.9	46.9	64.7	81.7	97.8	112.9
77.5°	0.0	9.5	19.0	28.5	37.9	51.2	71.6	92.7	112.9	131.9	152.3
75°	0.0	11.4	22.7	34.1	46.9	71.6	96.0	120.5	144.5	172.2	199.5
72.5°	0.0	13.2	26.4	39.6	63.1	91.7	120.1	149.5	182.3	214.5	246.3
70°	0.0	15.0	30.1	46.3	79.1	111.6	144.5	182.3	219.6	256.4	295.0
67.5°	0.0	16.8	33.6	58.1	94.8	131.3	172.0	214.5	256.4	299.5	343.4
65°	0.0	18.6	37.2	69.7	110.2	152.0	198.9	246.3	293.4	341.6	392.8
62.5°	0.0	20.3	40.6	81.0	125.4	173.6	225.2	277.5	329.6	384.1	445.9
60°	0.0	22.0	44.0	92.1	140.2	194.7	250.8	308.0	364.8	430.2	497.6
57.5°	0.0	23.6	51.0	103.0	156.3	215.2	276.4	337.6	403.2	474.9	546.3
55°	0.0	25.2	57.9	113.5	172.0	235.0	301.5	366.7	441.3	518.0	593.1
52.5°	0.0	26.8	64.6	123.7	187.2	254.4	326.0	398.6	478.2	558.9	638.5
50°	0.0	28.3	71.0	133.6	201.8	274.4	349.9	429.7	513.5	598.4	682.5
47.5°	0.0	29.7	77.1	143.4	215.8	293.8	373.4	459.6	547.4	636.6	725.0
45°	0.0	31.1	83.0	153.4	229.2	312.5	397.8	488.1	580.1	673.3	765.9
42.5°	0.0	32.4	88.6	163.0	242.0	330.5	421.0	515.3	611.2	708.5	804.5
40°	0.0	33.7	93.8	171.8	254.9	347.8	443.0	541.0	640.9	742.1	841.7
37.5°	0.0	34.9	98.8	180.1	268.0	364.4	463.8	565.2	669.6	774.5	877.4
35°	0.0	36.0	103.4	187.8	280.5	380.4	483.2	587.8	696.9	804.8	910.7
32.5°	0.0	37.1	107.7	195.0	292.2	395.7	501.4	608.8	722.8	833.0	940.0
30°	0.0	38.1	111.7	201.7	303.2	409.8	518.2	628.6	747.2	859.0	967.3
27.5°	0.0	39.0	115.3	207.9	313.0	422.8	533.5	648.1	769.5	882.8	992.6
25°	0.0	39.9	118.6	213.5	321.9	434.7	547.5	666.1	788.8	903.7	1015.7
22.5°	0.0	40.6	121.5	218.6	329.9	445.2	560.1	682.6	806.2	922.4	1036.6
20°	0.0	41.3	124.1	223.1	337.1	454.2	571.2	697.5	821.6	939.0	1055.3
17.5°	0.0	42.0	126.3	227.0	343.3	462.1	581.2	710.8	834.9	953.6	1071.7
15°	0.0	42.5	128.2	230.4	348.6	468.8	590.3	722.7	846.2	966.0	1085.7
12.5°	0.0	43.0	129.7	233.1	353.0	474.3	598.0	733.2	856.3	976.4	1097.3
10°	0.0	43.3	130.9	235.3	356.5	478.7	604.5	741.8	865.0	986.1	1107.1
7.5°	0.0	43.6	131.7	236.8	359.1	481.9	609.6	748.6	871.8	993.8	1115.8
5°	0.0	43.8	132.2	237.7	360.7	483.9	613.4	753.4	876.7	999.4	1122.1
2.5°	0.0	44.0	132.3	238.1	361.3	484.7	615.6	756.3	879.6	1002.7	1125.8
0°	0.0	44.0	132.1	237.8	361.0	484.3	616.4	757.3	880.6	1003.8	1127.1
-2.5°	0.0	44.0	132.3	238.1	361.3	484.7	615.6	756.3	879.6	1002.7	1125.8
-5°	0.0	43.8	132.2	237.7	360.7	483.9	613.4	753.4	876.7	999.4	1122.1
-7.5°	0.0	43.6	131.7	236.8	359.1	481.9	609.6	748.6	871.8	993.8	1115.8
-10°	0.0	43.3	130.9	235.3	356.5	478.7	604.5	741.8	865.0	986.1	1107.1
-12.5°	0.0	43.0	129.7	233.1	353.0	474.3	598.0	733.2	856.3	976.4	1097.3
-15°	0.0	42.5	128.2	230.4	348.6	468.8	590.3	722.7	846.2	966.0	1085.7
-17.5°	0.0	42.0	126.3	227.0	343.3	462.1	581.2	710.8	834.9	953.6	1071.7
-20°	0.0	41.3	124.1	223.1	337.1	454.2	571.2	697.5	821.6	939.0	1055.3

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	40.6	121.5	218.6	329.9	445.2	560.1	682.6	806.2	922.4	1036.6
-25°	0.0	39.9	118.6	213.5	321.9	434.7	547.5	666.1	788.8	903.7	1015.7
-27.5°	0.0	39.0	115.3	207.9	313.0	422.8	533.5	648.1	769.5	882.8	992.6
-30°	0.0	38.1	111.7	201.7	303.2	409.8	518.2	628.6	747.2	859.0	967.3
-32.5°	0.0	37.1	107.7	195.0	292.2	395.7	501.4	608.8	722.8	833.0	940.0
-35°	0.0	36.0	103.4	187.8	280.5	380.4	483.2	587.8	696.9	804.8	910.7
-37.5°	0.0	34.9	98.8	180.1	268.0	364.4	463.8	565.2	669.6	774.5	877.4
-40°	0.0	33.7	93.8	171.8	254.9	347.8	443.0	541.0	640.9	742.1	841.7
-42.5°	0.0	32.4	88.6	163.0	242.0	330.5	421.0	515.3	611.2	708.5	804.5
-45°	0.0	31.1	83.0	153.4	229.2	312.5	397.8	488.1	580.1	673.3	765.9
-47.5°	0.0	29.7	77.1	143.4	215.8	293.8	373.4	459.6	547.4	636.6	725.0
-50°	0.0	28.3	71.0	133.6	201.8	274.4	349.9	429.7	513.5	598.4	682.5
-52.5°	0.0	26.8	64.6	123.7	187.2	254.4	326.0	398.6	478.2	558.9	638.5
-55°	0.0	25.2	57.9	113.5	172.0	235.0	301.5	366.7	441.3	518.0	593.1
-57.5°	0.0	23.6	51.0	103.0	156.3	215.2	276.4	337.6	403.2	474.9	546.3
-60°	0.0	22.0	44.0	92.1	140.2	194.7	250.8	308.0	364.8	430.2	497.6
-62.5°	0.0	20.3	40.6	81.0	125.4	173.6	225.2	277.5	329.6	384.1	445.9
-65°	0.0	18.6	37.2	69.7	110.2	152.0	198.9	246.3	293.4	341.6	392.8
-67.5°	0.0	16.8	33.6	58.1	94.8	131.3	172.0	214.5	256.4	299.5	343.4
-70°	0.0	15.0	30.1	46.3	79.1	111.6	144.5	182.3	219.6	256.4	295.0
-72.5°	0.0	13.2	26.4	39.6	63.1	91.7	120.1	149.5	182.3	214.5	246.3
-75°	0.0	11.4	22.7	34.1	46.9	71.6	96.0	120.5	144.5	172.2	199.5
-77.5°	0.0	9.5	19.0	28.5	37.9	51.2	71.6	92.7	112.9	131.9	152.3
-80°	0.0	7.6	15.3	22.9	30.4	37.9	46.9	64.7	81.7	97.8	112.9
-82.5°	0.0	5.7	11.5	17.2	22.9	28.5	34.1	41.5	50.4	63.6	76.0
-85°	0.0	3.8	7.7	11.5	15.3	19.0	22.7	27.7	33.0	38.6	44.5
-87.5°	0.0	1.9	3.8	5.7	7.6	9.5	11.4	13.9	16.5	19.4	22.3
-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°	24.4	26.4	28.4	30.3	32.1	33.9	35.7	37.3	38.9	40.4	41.9
85°	48.7	52.7	59.8	67.0	73.8	80.4	86.7	92.9	98.7	104.3	109.6
82.5°	87.2	98.7	110.3	122.2	132.5	142.4	152.2	162.2	172.2	182.2	192.0
80°	128.4	144.3	162.5	179.7	194.9	209.3	223.1	236.5	251.0	266.5	282.3
77.5°	175.8	198.4	219.8	239.7	258.9	279.9	300.2	319.6	339.9	360.0	379.1
75°	226.6	252.5	279.7	306.5	332.5	357.7	382.3	407.4	432.8	458.0	482.1
72.5°	279.1	311.9	344.0	375.2	407.6	439.1	469.6	498.9	529.1	560.0	589.5
70°	333.6	371.0	410.6	448.8	485.2	522.0	559.2	595.0	630.0	665.8	701.2
67.5°	388.6	435.6	480.1	522.5	565.5	608.8	650.7	693.5	734.9	776.6	816.3
65°	449.1	500.5	549.2	597.7	646.4	697.3	746.8	794.6	842.7	889.2	931.0
62.5°	508.5	563.1	617.0	672.2	730.3	787.3	841.4	896.2	952.1	1000.8	1043.2
60°	563.0	623.7	684.1	746.9	811.1	872.5	933.1	992.7	1052.8	1108.8	1143.4
57.5°	615.8	682.9	749.7	817.4	885.0	953.5	1017.2	1082.8	1138.6	1185.8	1225.9
55°	667.2	740.0	811.2	882.2	955.2	1026.8	1096.2	1158.4	1213.0	1252.3	1291.0
52.5°	717.1	793.9	867.4	944.3	1021.9	1097.9	1170.3	1228.0	1272.7	1313.0	1349.1
50°	765.6	843.7	921.4	1004.7	1086.6	1167.0	1235.0	1285.6	1331.0	1370.3	1408.2
47.5°	811.0	892.4	975.4	1063.0	1149.2	1226.9	1289.4	1342.3	1388.8	1431.2	1476.0
45°	854.7	941.1	1028.8	1119.2	1207.3	1282.3	1342.6	1399.6	1443.2	1490.9	1542.3
42.5°	897.1	987.8	1079.8	1173.2	1262.1	1332.3	1392.5	1444.8	1496.0	1552.5	1614.5
40°	937.4	1032.0	1127.9	1225.1	1313.8	1376.0	1435.0	1490.5	1552.5	1619.7	1691.6
37.5°	975.3	1073.4	1173.0	1273.9	1351.8	1415.9	1476.4	1538.1	1610.3	1688.2	1785.7
35°	1010.6	1112.0	1215.0	1311.9	1385.9	1453.9	1516.4	1585.3	1669.6	1771.4	1896.4
32.5°	1043.4	1147.7	1253.7	1342.6	1417.4	1487.9	1552.1	1638.1	1739.4	1860.5	2037.4
30°	1073.6	1180.4	1286.7	1372.8	1445.7	1516.5	1594.7	1691.5	1810.0	1986.9	2213.3
27.5°	1101.6	1210.1	1312.7	1397.9	1471.0	1544.0	1635.5	1752.9	1908.9	2119.9	2401.4
25°	1127.3	1238.4	1337.5	1418.9	1494.4	1575.4	1674.9	1806.8	2011.9	2284.6	2664.9
22.5°	1150.6	1264.0	1361.4	1437.1	1516.4	1604.2	1720.2	1885.2	2121.7	2440.0	2930.5
20°	1171.4	1283.4	1379.2	1454.2	1536.7	1628.0	1760.6	1959.5	2244.8	2657.0	3283.2
17.5°	1189.6	1300.4	1392.6	1470.8	1556.5	1654.9	1800.0	2023.9	2354.1	2846.3	3639.6
15°	1205.2	1314.9	1403.8	1484.9	1573.8	1685.8	1854.6	2108.1	2481.1	3043.2	3950.3
12.5°	1218.2	1326.8	1413.0	1496.4	1587.9	1711.6	1901.4	2187.5	2613.0	3285.1	4408.1
10°	1228.4	1336.2	1420.1	1505.4	1599.0	1732.2	1939.4	2252.5	2722.3	3494.6	4798.6
7.5°	1237.8	1343.1	1425.0	1511.7	1606.9	1747.6	1968.3	2302.5	2806.1	3659.1	5107.7
5°	1244.8	1347.2	1427.7	1515.4	1613.6	1757.6	1988.0	2337.2	2864.0	3776.7	5325.1
2.5°	1249.0	1348.6	1428.2	1516.3	1618.5	1762.1	1998.2	2356.4	2909.4	3832.4	5441.9
0°	1250.4	1347.3	1426.5	1514.6	1620.2	1761.1	1998.9	2359.9	2932.3	3830.5	5459.5
-2.5°	1249.0	1348.6	1428.2	1516.3	1618.5	1762.1	1998.2	2356.4	2909.4	3832.4	5441.9
-5°	1244.8	1347.2	1427.7	1515.4	1613.6	1757.6	1988.0	2337.2	2864.0	3776.7	5325.1
-7.5°	1237.8	1343.1	1425.0	1511.7	1606.9	1747.6	1968.3	2302.5	2806.1	3659.1	5107.7
-10°	1228.4	1336.2	1420.1	1505.4	1599.0	1732.2	1939.4	2252.5	2722.3	3494.6	4798.6
-12.5°	1218.2	1326.8	1413.0	1496.4	1587.9	1711.6	1901.4	2187.5	2613.0	3285.1	4408.1
-15°	1205.2	1314.9	1403.8	1484.9	1573.8	1685.8	1854.6	2108.1	2481.1	3043.2	3950.3
-17.5°	1189.6	1300.4	1392.6	1470.8	1556.5	1654.9	1800.0	2023.9	2354.1	2846.3	3639.6
-20°	1171.4	1283.4	1379.2	1454.2	1536.7	1628.0	1760.6	1959.5	2244.8	2657.0	3283.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	1150.6	1264.0	1361.4	1437.1	1516.4	1604.2	1720.2	1885.2	2121.7	2440.0	2930.5
-25°	1127.3	1238.4	1337.5	1418.9	1494.4	1575.4	1674.9	1806.8	2011.9	2284.6	2664.9
-27.5°	1101.6	1210.1	1312.7	1397.9	1471.0	1544.0	1635.5	1752.9	1908.9	2119.9	2401.4
-30°	1073.6	1180.4	1286.7	1372.8	1445.7	1516.5	1594.7	1691.5	1810.0	1986.9	2213.3
-32.5°	1043.4	1147.7	1253.7	1342.6	1417.4	1487.9	1552.1	1638.1	1739.4	1860.5	2037.4
-35°	1010.6	1112.0	1215.0	1311.9	1385.9	1453.9	1516.4	1585.3	1669.6	1771.4	1896.4
-37.5°	975.3	1073.4	1173.0	1273.9	1351.8	1415.9	1476.4	1538.1	1610.3	1688.2	1785.7
-40°	937.4	1032.0	1127.9	1225.1	1313.8	1376.0	1435.0	1490.5	1552.5	1619.7	1691.6
-42.5°	897.1	987.8	1079.8	1173.2	1262.1	1332.3	1392.5	1444.8	1496.0	1552.5	1614.5
-45°	854.7	941.1	1028.8	1119.2	1207.3	1282.3	1342.6	1399.6	1443.2	1490.9	1542.3
-47.5°	811.0	892.4	975.4	1063.0	1149.2	1226.9	1289.4	1342.3	1388.8	1431.2	1476.0
-50°	765.6	843.7	921.4	1004.7	1086.6	1167.0	1235.0	1285.6	1331.0	1370.3	1408.2
-52.5°	717.1	793.9	867.4	944.3	1021.9	1097.9	1170.3	1228.0	1272.7	1313.0	1349.1
-55°	667.2	740.0	811.2	882.2	955.2	1026.8	1096.2	1158.4	1213.0	1252.3	1291.0
-57.5°	615.8	682.9	749.7	817.4	885.0	953.5	1017.2	1082.8	1138.6	1185.8	1225.9
-60°	563.0	623.7	684.1	746.9	811.1	872.5	933.1	992.7	1052.8	1108.8	1143.4
-62.5°	508.5	563.1	617.0	672.2	730.3	787.3	841.4	896.2	952.1	1000.8	1043.2
-65°	449.1	500.5	549.2	597.7	646.4	697.3	746.8	794.6	842.7	889.2	931.0
-67.5°	388.6	435.6	480.1	522.5	565.5	608.8	650.7	693.5	734.9	776.6	816.3
-70°	333.6	371.0	410.6	448.8	485.2	522.0	559.2	595.0	630.0	665.8	701.2
-72.5°	279.1	311.9	344.0	375.2	407.6	439.1	469.6	498.9	529.1	560.0	589.5
-75°	226.6	252.5	279.7	306.5	332.5	357.7	382.3	407.4	432.8	458.0	482.1
-77.5°	175.8	198.4	219.8	239.7	258.9	279.9	300.2	319.6	339.9	360.0	379.1
-80°	128.4	144.3	162.5	179.7	194.9	209.3	223.1	236.5	251.0	266.5	282.3
-82.5°	87.2	98.7	110.3	122.2	132.5	142.4	152.2	162.2	172.2	182.2	192.0
-85°	48.7	52.7	59.8	67.0	73.8	80.4	86.7	92.9	98.7	104.3	109.6
-87.5°	24.4	26.4	28.4	30.3	32.1	33.9	35.7	37.3	38.9	40.4	41.9
-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: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	43.2	42.7	41.9	41.0	39.9	42.7	45.5	48.2	51.0	49.4	47.7
85°	114.6	117.2	119.4	121.2	122.8	128.2	133.5	138.5	143.0	142.9	142.4
82.5°	201.7	208.2	213.8	218.8	223.2	229.6	235.4	240.3	244.5	247.7	250.4
80°	297.3	307.8	316.8	325.0	332.3	340.7	348.6	355.6	361.6	365.0	367.0
77.5°	398.1	413.5	427.3	440.4	452.8	465.1	476.4	486.4	495.1	497.2	496.7
75°	505.0	525.6	545.0	563.0	579.6	593.9	605.9	616.1	624.3	628.5	630.7
72.5°	617.6	643.0	665.8	686.4	704.1	718.8	731.5	742.5	751.8	757.7	761.2
70°	735.0	765.0	788.5	807.9	823.0	837.6	854.0	869.6	884.3	892.5	895.7
67.5°	852.7	883.9	905.4	923.1	936.9	951.3	971.9	990.6	1007.1	1018.3	1025.4
65°	967.9	1000.8	1022.4	1039.3	1052.0	1066.5	1089.5	1108.0	1122.0	1133.2	1143.3
62.5°	1081.9	1115.0	1139.0	1159.0	1177.6	1193.4	1212.4	1227.8	1239.9	1250.9	1263.3
60°	1180.5	1219.8	1245.0	1265.3	1288.3	1313.0	1326.9	1338.5	1348.6	1357.5	1365.2
57.5°	1261.1	1296.2	1328.5	1353.0	1376.8	1399.8	1416.3	1427.2	1436.0	1442.6	1445.2
55°	1328.6	1364.7	1400.8	1427.4	1450.8	1472.3	1490.4	1504.6	1516.4	1525.6	1527.8
52.5°	1389.0	1429.6	1465.1	1495.7	1526.7	1552.0	1571.8	1591.1	1608.0	1621.6	1627.5
50°	1454.8	1497.3	1541.5	1582.4	1615.4	1644.4	1668.5	1695.8	1724.6	1748.3	1763.3
47.5°	1523.9	1572.9	1626.3	1676.7	1715.8	1758.7	1798.7	1839.3	1892.7	1937.6	1970.9
45°	1596.2	1659.2	1720.1	1784.2	1838.2	1919.1	1994.2	2058.7	2144.4	2222.1	2283.9
42.5°	1681.6	1760.0	1834.8	1937.5	2045.0	2155.4	2274.8	2376.7	2510.7	2647.1	2757.2
40°	1782.8	1882.9	2014.7	2152.6	2322.3	2474.2	2680.3	2863.9	3069.5	3329.4	3544.2
37.5°	1904.6	2058.9	2242.2	2434.4	2699.0	2951.7	3292.4	3651.4	3977.2	4477.2	4897.9
35°	2062.8	2278.5	2519.9	2860.0	3234.5	3708.2	4239.6	4933.0	5527.7	6371.1	7177.2
32.5°	2266.7	2544.0	2938.1	3463.1	4016.7	4876.7	5719.9	6924.0	8038.8	9375.7	10818.6
30°	2493.6	2915.7	3517.8	4237.9	5270.5	6535.7	8022.2	9871.4	11895.1	13774.1	15625.7
27.5°	2822.3	3427.1	4218.2	5380.1	6989.3	8759.5	11364.0	13874.2	16493.1	18821.1	20762.6
25°	3206.2	4005.4	5228.6	6939.6	9115.9	12147.1	15264.9	18362.9	21179.4	23616.6	25761.8
22.5°	3701.8	4851.3	6482.1	8698.2	12087.2	15720.3	19376.3	22793.4	25797.8	28511.7	30833.9
20°	4241.0	5679.4	8008.2	11312.8	15188.4	19327.6	23455.6	27095.6	30403.6	33480.8	36098.1
17.5°	4924.3	6938.8	9887.9	13852.1	18332.9	22867.9	27204.6	31154.7	34907.8	38163.9	40898.6
15°	5506.7	8047.9	11896.8	16546.1	21392.7	26176.5	30754.9	35045.6	38947.6	42288.5	44859.3
12.5°	6283.4	9290.9	13680.4	18862.0	24114.1	29147.7	33970.2	38404.9	42375.8	45680.0	47681.3
10°	7017.7	10577.7	15404.3	20808.1	26264.6	31627.7	36776.8	41325.0	45011.7	47640.2	49345.7
7.5°	7642.0	11683.7	16806.7	22381.1	27973.1	33580.3	38792.5	43217.8	46617.2	48812.2	49999.6
5°	8108.2	12510.5	17847.6	23659.2	29397.5	35103.1	40274.7	44428.9	47367.0	48997.6	49593.7
2.5°	8405.2	12996.1	18451.7	24497.8	30350.7	36066.6	41291.3	45380.4	47873.2	48954.0	49056.7
0°	8523.9	13058.8	18544.8	24937.7	30591.0	36341.1	41580.5	45772.0	48061.4	48950.8	48933.2
-2.5°	8405.2	12996.1	18451.7	24497.8	30350.7	36066.6	41291.3	45380.4	47873.2	48954.0	49056.7
-5°	8108.2	12510.5	17847.6	23659.2	29397.5	35103.1	40274.7	44428.9	47367.0	48997.6	49593.7
-7.5°	7642.0	11683.7	16806.7	22381.1	27973.1	33580.3	38792.5	43217.8	46617.2	48812.2	49999.6
-10°	7017.7	10577.7	15404.3	20808.1	26264.6	31627.7	36776.8	41325.0	45011.7	47640.2	49345.7
-12.5°	6283.4	9290.9	13680.4	18862.0	24114.1	29147.7	33970.2	38404.9	42375.8	45680.0	47681.3
-15°	5506.7	8047.9	11896.8	16546.1	21392.7	26176.5	30754.9	35045.6	38947.6	42288.5	44859.3
-17.5°	4924.3	6938.8	9887.9	13852.1	18332.9	22867.9	27204.6	31154.7	34907.8	38163.9	40898.6
-20°	4241.0	5679.4	8008.2	11312.8	15188.4	19327.6	23455.6	27095.6	30403.6	33480.8	36098.1



REPORT NUMBER: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	3701.8	4851.3	6482.1	8698.2	12087.2	15720.3	19376.3	22793.4	25797.8	28511.7	30833.9
-25°	3206.2	4005.4	5228.6	6939.6	9115.9	12147.1	15264.9	18362.9	21179.4	23616.6	25761.8
-27.5°	2822.3	3427.1	4218.2	5380.1	6989.3	8759.5	11364.0	13874.2	16493.1	18821.1	20762.6
-30°	2493.6	2915.7	3517.8	4237.9	5270.5	6535.7	8022.2	9871.4	11895.1	13774.1	15625.7
-32.5°	2266.7	2544.0	2938.1	3463.1	4016.7	4876.7	5719.9	6924.0	8038.8	9375.7	10818.6
-35°	2062.8	2278.5	2519.9	2860.0	3234.5	3708.2	4239.6	4933.0	5527.7	6371.1	7177.2
-37.5°	1904.6	2058.9	2242.2	2434.4	2699.0	2951.7	3292.4	3651.4	3977.2	4477.2	4897.9
-40°	1782.8	1882.9	2014.7	2152.6	2322.3	2474.2	2680.3	2863.9	3069.5	3329.4	3544.2
-42.5°	1681.6	1760.0	1834.8	1937.5	2045.0	2155.4	2274.8	2376.7	2510.7	2647.1	2757.2
-45°	1596.2	1659.2	1720.1	1784.2	1838.2	1919.1	1994.2	2058.7	2144.4	2222.1	2283.9
-47.5°	1523.9	1572.9	1626.3	1676.7	1715.8	1758.7	1798.7	1839.3	1892.7	1937.6	1970.9
-50°	1454.8	1497.3	1541.5	1582.4	1615.4	1644.4	1668.5	1695.8	1724.6	1748.3	1763.3
-52.5°	1389.0	1429.6	1465.1	1495.7	1526.7	1552.0	1571.8	1591.1	1608.0	1621.6	1627.5
-55°	1328.6	1364.7	1400.8	1427.4	1450.8	1472.3	1490.4	1504.6	1516.4	1525.6	1527.8
-57.5°	1261.1	1296.2	1328.5	1353.0	1376.8	1399.8	1416.3	1427.2	1436.0	1442.6	1445.2
-60°	1180.5	1219.8	1245.0	1265.3	1288.3	1313.0	1326.9	1338.5	1348.6	1357.5	1365.2
-62.5°	1081.9	1115.0	1139.0	1159.0	1177.6	1193.4	1212.4	1227.8	1239.9	1250.9	1263.3
-65°	967.9	1000.8	1022.4	1039.3	1052.0	1066.5	1089.5	1108.0	1122.0	1133.2	1143.3
-67.5°	852.7	883.9	905.4	923.1	936.9	951.3	971.9	990.6	1007.1	1018.3	1025.4
-70°	735.0	765.0	788.5	807.9	823.0	837.6	854.0	869.6	884.3	892.5	895.7
-72.5°	617.6	643.0	665.8	686.4	704.1	718.8	731.5	742.5	751.8	757.7	761.2
-75°	505.0	525.6	545.0	563.0	579.6	593.9	605.9	616.1	624.3	628.5	630.7
-77.5°	398.1	413.5	427.3	440.4	452.8	465.1	476.4	486.4	495.1	497.2	496.7
-80°	297.3	307.8	316.8	325.0	332.3	340.7	348.6	355.6	361.6	365.0	367.0
-82.5°	201.7	208.2	213.8	218.8	223.2	229.6	235.4	240.3	244.5	247.7	250.4
-85°	114.6	117.2	119.4	121.2	122.8	128.2	133.5	138.5	143.0	142.9	142.4
-87.5°	43.2	42.7	41.9	41.0	39.9	42.7	45.5	48.2	51.0	49.4	47.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	45.8	43.8	44.0	44.0	44.0	43.8	45.8	47.7	49.4	51.0	48.2
85°	141.5	140.2	136.3	132.1	136.3	140.2	141.5	142.4	142.9	143.0	138.5
82.5°	252.5	254.1	250.7	246.6	250.7	254.1	252.5	250.4	247.7	244.5	240.3
80°	368.1	368.1	365.0	361.0	365.0	368.1	368.1	367.0	365.0	361.6	355.6
77.5°	494.6	491.0	492.5	493.1	492.5	491.0	494.6	496.7	497.2	495.1	486.4
75°	631.6	631.0	629.0	625.2	629.0	631.0	631.6	630.7	628.5	624.3	616.1
72.5°	763.0	762.9	761.0	757.3	761.0	762.9	763.0	761.2	757.7	751.8	742.5
70°	896.4	894.8	897.1	898.2	897.1	894.8	896.4	895.7	892.5	884.3	869.6
67.5°	1030.8	1034.4	1033.8	1030.3	1033.8	1034.4	1030.8	1025.4	1018.3	1007.1	990.6
65°	1151.4	1157.4	1161.1	1162.4	1161.1	1157.4	1151.4	1143.3	1133.2	1122.0	1108.0
62.5°	1273.0	1280.0	1280.4	1276.8	1280.4	1280.0	1273.0	1263.3	1250.9	1239.9	1227.8
60°	1369.4	1370.6	1368.9	1364.9	1368.9	1370.6	1369.4	1365.2	1357.5	1348.6	1338.5
57.5°	1445.2	1442.6	1439.5	1435.3	1439.5	1442.6	1445.2	1445.2	1442.6	1436.0	1427.2
55°	1526.6	1522.4	1518.8	1514.6	1518.8	1522.4	1526.6	1527.8	1525.6	1516.4	1504.6
52.5°	1628.8	1626.6	1624.0	1620.2	1624.0	1626.6	1628.8	1627.5	1621.6	1608.0	1591.1
50°	1770.9	1773.1	1772.9	1769.9	1772.9	1773.1	1770.9	1763.3	1748.3	1724.6	1695.8
47.5°	1992.0	2003.7	2011.7	2016.5	2011.7	2003.7	1992.0	1970.9	1937.6	1892.7	1839.3
45°	2323.4	2346.9	2363.5	2377.5	2363.5	2346.9	2323.4	2283.9	2222.1	2144.4	2058.7
42.5°	2834.7	2887.4	2912.2	2905.9	2912.2	2887.4	2834.7	2757.2	2647.1	2510.7	2376.7
40°	3687.3	3772.3	3819.4	3856.9	3819.4	3772.3	3687.3	3544.2	3329.4	3069.5	2863.9
37.5°	5185.1	5350.0	5436.8	5512.4	5436.8	5350.0	5185.1	4897.9	4477.2	3977.2	3651.4
35°	7779.4	8150.5	8349.2	8418.2	8349.2	8150.5	7779.4	7177.2	6371.1	5527.7	4933.0
32.5°	11941.3	12625.7	13004.2	13296.6	13004.2	12625.7	11941.3	10818.6	9375.7	8038.8	6924.0
30°	17091.9	17993.4	18494.1	18738.5	18494.1	17993.4	17091.9	15625.7	13774.1	11895.1	9871.4
27.5°	22371.9	23396.8	23936.6	23907.4	23936.6	23396.8	22371.9	20762.6	18821.1	16493.1	13874.2
25°	27600.9	28788.0	29325.8	29807.3	29325.8	28788.0	27600.9	25761.8	23616.6	21179.4	18362.9
22.5°	32889.5	34277.5	35034.9	35390.1	35034.9	34277.5	32889.5	30833.9	28511.7	25797.8	22793.4
20°	38115.1	39660.2	40464.3	40814.4	40464.3	39660.2	38115.1	36098.1	33480.8	30403.6	27095.6
17.5°	42749.7	44258.1	45024.4	45349.3	45024.4	44258.1	42749.7	40898.6	38163.9	34907.8	31154.7
15°	46450.3	47562.9	48214.7	48387.3	48214.7	47562.9	46450.3	44859.3	42288.5	38947.6	35045.6
12.5°	49008.4	49439.3	49752.7	49849.0	49752.7	49439.3	49008.4	47681.3	45680.0	42375.8	38404.9
10°	50316.1	50121.7	50041.3	50051.5	50041.3	50121.7	50316.1	49345.7	47640.2	45011.7	41325.0
7.5°	50226.2	49938.2	49359.9	49267.8	49359.9	49938.2	50226.2	49999.6	48812.2	46617.2	43217.8
5°	49504.6	48980.3	48020.4	47744.4	48020.4	48980.3	49504.6	49593.7	48997.6	47367.0	44428.9
2.5°	48663.5	47718.4	46834.1	46265.1	46834.1	47718.4	48663.5	49056.7	48954.0	47873.2	45380.4
0°	48413.7	47321.8	46177.0	45807.2	46177.0	47321.8	48413.7	48933.2	48950.8	48061.4	45772.0
-2.5°	48663.5	47718.4	46834.1	46265.1	46834.1	47718.4	48663.5	49056.7	48954.0	47873.2	45380.4
-5°	49504.6	48980.3	48020.4	47744.4	48020.4	48980.3	49504.6	49593.7	48997.6	47367.0	44428.9
-7.5°	50226.2	49938.2	49359.9	49267.8	49359.9	49938.2	50226.2	49999.6	48812.2	46617.2	43217.8
-10°	50316.1	50121.7	50041.3	50051.5	50041.3	50121.7	50316.1	49345.7	47640.2	45011.7	41325.0
-12.5°	49008.4	49439.3	49752.7	49849.0	49752.7	49439.3	49008.4	47681.3	45680.0	42375.8	38404.9
-15°	46450.3	47562.9	48214.7	48387.3	48214.7	47562.9	46450.3	44859.3	42288.5	38947.6	35045.6
-17.5°	42749.7	44258.1	45024.4	45349.3	45024.4	44258.1	42749.7	40898.6	38163.9	34907.8	31154.7
-20°	38115.1	39660.2	40464.3	40814.4	40464.3	39660.2	38115.1	36098.1	33480.8	30403.6	27095.6



REPORT NUMBER: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	32889.5	34277.5	35034.9	35390.1	35034.9	34277.5	32889.5	30833.9	28511.7	25797.8	22793.4
-25°	27600.9	28788.0	29325.8	29807.3	29325.8	28788.0	27600.9	25761.8	23616.6	21179.4	18362.9
-27.5°	22371.9	23396.8	23936.6	23907.4	23936.6	23396.8	22371.9	20762.6	18821.1	16493.1	13874.2
-30°	17091.9	17993.4	18494.1	18738.5	18494.1	17993.4	17091.9	15625.7	13774.1	11895.1	9871.4
-32.5°	11941.3	12625.7	13004.2	13296.6	13004.2	12625.7	11941.3	10818.6	9375.7	8038.8	6924.0
-35°	7779.4	8150.5	8349.2	8418.2	8349.2	8150.5	7779.4	7177.2	6371.1	5527.7	4933.0
-37.5°	5185.1	5350.0	5436.8	5512.4	5436.8	5350.0	5185.1	4897.9	4477.2	3977.2	3651.4
-40°	3687.3	3772.3	3819.4	3856.9	3819.4	3772.3	3687.3	3544.2	3329.4	3069.5	2863.9
-42.5°	2834.7	2887.4	2912.2	2905.9	2912.2	2887.4	2834.7	2757.2	2647.1	2510.7	2376.7
-45°	2323.4	2346.9	2363.5	2377.5	2363.5	2346.9	2323.4	2283.9	2222.1	2144.4	2058.7
-47.5°	1992.0	2003.7	2011.7	2016.5	2011.7	2003.7	1992.0	1970.9	1937.6	1892.7	1839.3
-50°	1770.9	1773.1	1772.9	1769.9	1772.9	1773.1	1770.9	1763.3	1748.3	1724.6	1695.8
-52.5°	1628.8	1626.6	1624.0	1620.2	1624.0	1626.6	1628.8	1627.5	1621.6	1608.0	1591.1
-55°	1526.6	1522.4	1518.8	1514.6	1518.8	1522.4	1526.6	1527.8	1525.6	1516.4	1504.6
-57.5°	1445.2	1442.6	1439.5	1435.3	1439.5	1442.6	1445.2	1445.2	1442.6	1436.0	1427.2
-60°	1369.4	1370.6	1368.9	1364.9	1368.9	1370.6	1369.4	1365.2	1357.5	1348.6	1338.5
-62.5°	1273.0	1280.0	1280.4	1276.8	1280.4	1280.0	1273.0	1263.3	1250.9	1239.9	1227.8
-65°	1151.4	1157.4	1161.1	1162.4	1161.1	1157.4	1151.4	1143.3	1133.2	1122.0	1108.0
-67.5°	1030.8	1034.4	1033.8	1030.3	1033.8	1034.4	1030.8	1025.4	1018.3	1007.1	990.6
-70°	896.4	894.8	897.1	898.2	897.1	894.8	896.4	895.7	892.5	884.3	869.6
-72.5°	763.0	762.9	761.0	757.3	761.0	762.9	763.0	761.2	757.7	751.8	742.5
-75°	631.6	631.0	629.0	625.2	629.0	631.0	631.6	630.7	628.5	624.3	616.1
-77.5°	494.6	491.0	492.5	493.1	492.5	491.0	494.6	496.7	497.2	495.1	486.4
-80°	368.1	368.1	365.0	361.0	365.0	368.1	368.1	367.0	365.0	361.6	355.6
-82.5°	252.5	254.1	250.7	246.6	250.7	254.1	252.5	250.4	247.7	244.5	240.3
-85°	141.5	140.2	136.3	132.1	136.3	140.2	141.5	142.4	142.9	143.0	138.5
-87.5°	45.8	43.8	44.0	44.0	44.0	43.8	45.8	47.7	49.4	51.0	48.2
-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: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	45.5	42.7	39.9	41.0	41.9	42.7	43.2	41.9	40.4	38.9	37.3
85°	133.5	128.2	122.8	121.2	119.4	117.2	114.6	109.6	104.3	98.7	92.9
82.5°	235.4	229.6	223.2	218.8	213.8	208.2	201.7	192.0	182.2	172.2	162.2
80°	348.6	340.7	332.3	325.0	316.8	307.8	297.3	282.3	266.5	251.0	236.5
77.5°	476.4	465.1	452.8	440.4	427.3	413.5	398.1	379.1	360.0	339.9	319.6
75°	605.9	593.9	579.6	563.0	545.0	525.6	505.0	482.1	458.0	432.8	407.4
72.5°	731.5	718.8	704.1	686.4	665.8	643.0	617.6	589.5	560.0	529.1	498.9
70°	854.0	837.6	823.0	807.9	788.5	765.0	735.0	701.2	665.8	630.0	595.0
67.5°	971.9	951.3	936.9	923.1	905.4	883.9	852.7	816.3	776.6	734.9	693.5
65°	1089.5	1066.5	1052.0	1039.3	1022.4	1000.8	967.9	931.0	889.2	842.7	794.6
62.5°	1212.4	1193.4	1177.6	1159.0	1139.0	1115.0	1081.9	1043.2	1000.8	952.1	896.2
60°	1326.9	1313.0	1288.3	1265.3	1245.0	1219.8	1180.5	1143.4	1108.8	1052.8	992.7
57.5°	1416.3	1399.8	1376.8	1353.0	1328.5	1296.2	1261.1	1225.9	1185.8	1138.6	1082.8
55°	1490.4	1472.3	1450.8	1427.4	1400.8	1364.7	1328.6	1291.0	1252.3	1213.0	1158.4
52.5°	1571.8	1552.0	1526.7	1495.7	1465.1	1429.6	1389.0	1349.1	1313.0	1272.7	1228.0
50°	1668.5	1644.4	1615.4	1582.4	1541.5	1497.3	1454.8	1408.2	1370.3	1331.0	1285.6
47.5°	1798.7	1758.7	1715.8	1676.7	1626.3	1572.9	1523.9	1476.0	1431.2	1388.8	1342.3
45°	1994.2	1919.1	1838.2	1784.2	1720.1	1659.2	1596.2	1542.3	1490.9	1443.2	1399.6
42.5°	2274.8	2155.4	2045.0	1937.5	1834.8	1760.0	1681.6	1614.5	1552.5	1496.0	1444.8
40°	2680.3	2474.2	2322.3	2152.6	2014.7	1882.9	1782.8	1691.6	1619.7	1552.5	1490.5
37.5°	3292.4	2951.7	2699.0	2434.4	2242.2	2058.9	1904.6	1785.7	1688.2	1610.3	1538.1
35°	4239.6	3708.2	3234.5	2860.0	2519.9	2278.5	2062.8	1896.4	1771.4	1669.6	1585.3
32.5°	5719.9	4876.7	4016.7	3463.1	2938.1	2544.0	2266.7	2037.4	1860.5	1739.4	1638.1
30°	8022.2	6535.7	5270.5	4237.9	3517.8	2915.7	2493.6	2213.3	1986.9	1810.0	1691.5
27.5°	11364.0	8759.5	6989.3	5380.1	4218.2	3427.1	2822.3	2401.4	2119.9	1908.9	1752.9
25°	15264.9	12147.1	9115.9	6939.6	5228.6	4005.4	3206.2	2664.9	2284.6	2011.9	1806.8
22.5°	19376.3	15720.3	12087.2	8698.2	6482.1	4851.3	3701.8	2930.5	2440.0	2121.7	1885.2
20°	23455.6	19327.6	15188.4	11312.8	8008.2	5679.4	4241.0	3283.2	2657.0	2244.8	1959.5
17.5°	27204.6	22867.9	18332.9	13852.1	9887.9	6938.8	4924.3	3639.6	2846.3	2354.1	2023.9
15°	30754.9	26176.5	21392.7	16546.1	11896.8	8047.9	5506.7	3950.3	3043.2	2481.1	2108.1
12.5°	33970.2	29147.7	24114.1	18862.0	13680.4	9290.9	6283.4	4408.1	3285.1	2613.0	2187.5
10°	36776.8	31627.7	26264.6	20808.1	15404.3	10577.7	7017.7	4798.6	3494.6	2722.3	2252.5
7.5°	38792.5	33580.3	27973.1	22381.1	16806.7	11683.7	7642.0	5107.7	3659.1	2806.1	2302.5
5°	40274.7	35103.1	29397.5	23659.2	17847.6	12510.5	8108.2	5325.1	3776.7	2864.0	2337.2
2.5°	41291.3	36066.6	30350.7	24497.8	18451.7	12996.1	8405.2	5441.9	3832.4	2909.4	2356.4
0°	41580.5	36341.1	30591.0	24937.7	18544.8	13058.8	8523.9	5459.5	3830.5	2932.3	2359.9
-2.5°	41291.3	36066.6	30350.7	24497.8	18451.7	12996.1	8405.2	5441.9	3832.4	2909.4	2356.4
-5°	40274.7	35103.1	29397.5	23659.2	17847.6	12510.5	8108.2	5325.1	3776.7	2864.0	2337.2
-7.5°	38792.5	33580.3	27973.1	22381.1	16806.7	11683.7	7642.0	5107.7	3659.1	2806.1	2302.5
-10°	36776.8	31627.7	26264.6	20808.1	15404.3	10577.7	7017.7	4798.6	3494.6	2722.3	2252.5
-12.5°	33970.2	29147.7	24114.1	18862.0	13680.4	9290.9	6283.4	4408.1	3285.1	2613.0	2187.5
-15°	30754.9	26176.5	21392.7	16546.1	11896.8	8047.9	5506.7	3950.3	3043.2	2481.1	2108.1
-17.5°	27204.6	22867.9	18332.9	13852.1	9887.9	6938.8	4924.3	3639.6	2846.3	2354.1	2023.9
-20°	23455.6	19327.6	15188.4	11312.8	8008.2	5679.4	4241.0	3283.2	2657.0	2244.8	1959.5



REPORT NUMBER: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	19376.3	15720.3	12087.2	8698.2	6482.1	4851.3	3701.8	2930.5	2440.0	2121.7	1885.2
-25°	15264.9	12147.1	9115.9	6939.6	5228.6	4005.4	3206.2	2664.9	2284.6	2011.9	1806.8
-27.5°	11364.0	8759.5	6989.3	5380.1	4218.2	3427.1	2822.3	2401.4	2119.9	1908.9	1752.9
-30°	8022.2	6535.7	5270.5	4237.9	3517.8	2915.7	2493.6	2213.3	1986.9	1810.0	1691.5
-32.5°	5719.9	4876.7	4016.7	3463.1	2938.1	2544.0	2266.7	2037.4	1860.5	1739.4	1638.1
-35°	4239.6	3708.2	3234.5	2860.0	2519.9	2278.5	2062.8	1896.4	1771.4	1669.6	1585.3
-37.5°	3292.4	2951.7	2699.0	2434.4	2242.2	2058.9	1904.6	1785.7	1688.2	1610.3	1538.1
-40°	2680.3	2474.2	2322.3	2152.6	2014.7	1882.9	1782.8	1691.6	1619.7	1552.5	1490.5
-42.5°	2274.8	2155.4	2045.0	1937.5	1834.8	1760.0	1681.6	1614.5	1552.5	1496.0	1444.8
-45°	1994.2	1919.1	1838.2	1784.2	1720.1	1659.2	1596.2	1542.3	1490.9	1443.2	1399.6
-47.5°	1798.7	1758.7	1715.8	1676.7	1626.3	1572.9	1523.9	1476.0	1431.2	1388.8	1342.3
-50°	1668.5	1644.4	1615.4	1582.4	1541.5	1497.3	1454.8	1408.2	1370.3	1331.0	1285.6
-52.5°	1571.8	1552.0	1526.7	1495.7	1465.1	1429.6	1389.0	1349.1	1313.0	1272.7	1228.0
-55°	1490.4	1472.3	1450.8	1427.4	1400.8	1364.7	1328.6	1291.0	1252.3	1213.0	1158.4
-57.5°	1416.3	1399.8	1376.8	1353.0	1328.5	1296.2	1261.1	1225.9	1185.8	1138.6	1082.8
-60°	1326.9	1313.0	1288.3	1265.3	1245.0	1219.8	1180.5	1143.4	1108.8	1052.8	992.7
-62.5°	1212.4	1193.4	1177.6	1159.0	1139.0	1115.0	1081.9	1043.2	1000.8	952.1	896.2
-65°	1089.5	1066.5	1052.0	1039.3	1022.4	1000.8	967.9	931.0	889.2	842.7	794.6
-67.5°	971.9	951.3	936.9	923.1	905.4	883.9	852.7	816.3	776.6	734.9	693.5
-70°	854.0	837.6	823.0	807.9	788.5	765.0	735.0	701.2	665.8	630.0	595.0
-72.5°	731.5	718.8	704.1	686.4	665.8	643.0	617.6	589.5	560.0	529.1	498.9
-75°	605.9	593.9	579.6	563.0	545.0	525.6	505.0	482.1	458.0	432.8	407.4
-77.5°	476.4	465.1	452.8	440.4	427.3	413.5	398.1	379.1	360.0	339.9	319.6
-80°	348.6	340.7	332.3	325.0	316.8	307.8	297.3	282.3	266.5	251.0	236.5
-82.5°	235.4	229.6	223.2	218.8	213.8	208.2	201.7	192.0	182.2	172.2	162.2
-85°	133.5	128.2	122.8	121.2	119.4	117.2	114.6	109.6	104.3	98.7	92.9
-87.5°	45.5	42.7	39.9	41.0	41.9	42.7	43.2	41.9	40.4	38.9	37.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	35.7	33.9	32.1	30.3	28.4	26.4	24.4	22.3	19.4	16.5	13.9
85°	86.7	80.4	73.8	67.0	59.8	52.7	48.7	44.5	38.6	33.0	27.7
82.5°	152.2	142.4	132.5	122.2	110.3	98.7	87.2	76.0	63.6	50.4	41.5
80°	223.1	209.3	194.9	179.7	162.5	144.3	128.4	112.9	97.8	81.7	64.7
77.5°	300.2	279.9	258.9	239.7	219.8	198.4	175.8	152.3	131.9	112.9	92.7
75°	382.3	357.7	332.5	306.5	279.7	252.5	226.6	199.5	172.2	144.5	120.5
72.5°	469.6	439.1	407.6	375.2	344.0	311.9	279.1	246.3	214.5	182.3	149.5
70°	559.2	522.0	485.2	448.8	410.6	371.0	333.6	295.0	256.4	219.6	182.3
67.5°	650.7	608.8	565.5	522.5	480.1	435.6	388.6	343.4	299.5	256.4	214.5
65°	746.8	697.3	646.4	597.7	549.2	500.5	449.1	392.8	341.6	293.4	246.3
62.5°	841.4	787.3	730.3	672.2	617.0	563.1	508.5	445.9	384.1	329.6	277.5
60°	933.1	872.5	811.1	746.9	684.1	623.7	563.0	497.6	430.2	364.8	308.0
57.5°	1017.2	953.5	885.0	817.4	749.7	682.9	615.8	546.3	474.9	403.2	337.6
55°	1096.2	1026.8	955.2	882.2	811.2	740.0	667.2	593.1	518.0	441.3	366.7
52.5°	1170.3	1097.9	1021.9	944.3	867.4	793.9	717.1	638.5	558.9	478.2	398.6
50°	1235.0	1167.0	1086.6	1004.7	921.4	843.7	765.6	682.5	598.4	513.5	429.7
47.5°	1289.4	1226.9	1149.2	1063.0	975.4	892.4	811.0	725.0	636.6	547.4	459.6
45°	1342.6	1282.3	1207.3	1119.2	1028.8	941.1	854.7	765.9	673.3	580.1	488.1
42.5°	1392.5	1332.3	1262.1	1173.2	1079.8	987.8	897.1	804.5	708.5	611.2	515.3
40°	1435.0	1376.0	1313.8	1225.1	1127.9	1032.0	937.4	841.7	742.1	640.9	541.0
37.5°	1476.4	1415.9	1351.8	1273.9	1173.0	1073.4	975.3	877.4	774.5	669.6	565.2
35°	1516.4	1453.9	1385.9	1311.9	1215.0	1112.0	1010.6	910.7	804.8	696.9	587.8
32.5°	1552.1	1487.9	1417.4	1342.6	1253.7	1147.7	1043.4	940.0	833.0	722.8	608.8
30°	1594.7	1516.5	1445.7	1372.8	1286.7	1180.4	1073.6	967.3	859.0	747.2	628.6
27.5°	1635.5	1544.0	1471.0	1397.9	1312.7	1210.1	1101.6	992.6	882.8	769.5	648.1
25°	1674.9	1575.4	1494.4	1418.9	1337.5	1238.4	1127.3	1015.7	903.7	788.8	666.1
22.5°	1720.2	1604.2	1516.4	1437.1	1361.4	1264.0	1150.6	1036.6	922.4	806.2	682.6
20°	1760.6	1628.0	1536.7	1454.2	1379.2	1283.4	1171.4	1055.3	939.0	821.6	697.5
17.5°	1800.0	1654.9	1556.5	1470.8	1392.6	1300.4	1189.6	1071.7	953.6	834.9	710.8
15°	1854.6	1685.8	1573.8	1484.9	1403.8	1314.9	1205.2	1085.7	966.0	846.2	722.7
12.5°	1901.4	1711.6	1587.9	1496.4	1413.0	1326.8	1218.2	1097.3	976.4	856.3	733.2
10°	1939.4	1732.2	1599.0	1505.4	1420.1	1336.2	1228.4	1107.1	986.1	865.0	741.8
7.5°	1968.3	1747.6	1606.9	1511.7	1425.0	1343.1	1237.8	1115.8	993.8	871.8	748.6
5°	1988.0	1757.6	1613.6	1515.4	1427.7	1347.2	1244.8	1122.1	999.4	876.7	753.4
2.5°	1998.2	1762.1	1618.5	1516.3	1428.2	1348.6	1249.0	1125.8	1002.7	879.6	756.3
0°	1998.9	1761.1	1620.2	1514.6	1426.5	1347.3	1250.4	1127.1	1003.8	880.6	757.3
-2.5°	1998.2	1762.1	1618.5	1516.3	1428.2	1348.6	1249.0	1125.8	1002.7	879.6	756.3
-5°	1988.0	1757.6	1613.6	1515.4	1427.7	1347.2	1244.8	1122.1	999.4	876.7	753.4
-7.5°	1968.3	1747.6	1606.9	1511.7	1425.0	1343.1	1237.8	1115.8	993.8	871.8	748.6
-10°	1939.4	1732.2	1599.0	1505.4	1420.1	1336.2	1228.4	1107.1	986.1	865.0	741.8
-12.5°	1901.4	1711.6	1587.9	1496.4	1413.0	1326.8	1218.2	1097.3	976.4	856.3	733.2
-15°	1854.6	1685.8	1573.8	1484.9	1403.8	1314.9	1205.2	1085.7	966.0	846.2	722.7
-17.5°	1800.0	1654.9	1556.5	1470.8	1392.6	1300.4	1189.6	1071.7	953.6	834.9	710.8
-20°	1760.6	1628.0	1536.7	1454.2	1379.2	1283.4	1171.4	1055.3	939.0	821.6	697.5

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

Scaled Data Report



REPORT NUMBER: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	1720.2	1604.2	1516.4	1437.1	1361.4	1264.0	1150.6	1036.6	922.4	806.2	682.6
-25°	1674.9	1575.4	1494.4	1418.9	1337.5	1238.4	1127.3	1015.7	903.7	788.8	666.1
-27.5°	1635.5	1544.0	1471.0	1397.9	1312.7	1210.1	1101.6	992.6	882.8	769.5	648.1
-30°	1594.7	1516.5	1445.7	1372.8	1286.7	1180.4	1073.6	967.3	859.0	747.2	628.6
-32.5°	1552.1	1487.9	1417.4	1342.6	1253.7	1147.7	1043.4	940.0	833.0	722.8	608.8
-35°	1516.4	1453.9	1385.9	1311.9	1215.0	1112.0	1010.6	910.7	804.8	696.9	587.8
-37.5°	1476.4	1415.9	1351.8	1273.9	1173.0	1073.4	975.3	877.4	774.5	669.6	565.2
-40°	1435.0	1376.0	1313.8	1225.1	1127.9	1032.0	937.4	841.7	742.1	640.9	541.0
-42.5°	1392.5	1332.3	1262.1	1173.2	1079.8	987.8	897.1	804.5	708.5	611.2	515.3
-45°	1342.6	1282.3	1207.3	1119.2	1028.8	941.1	854.7	765.9	673.3	580.1	488.1
-47.5°	1289.4	1226.9	1149.2	1063.0	975.4	892.4	811.0	725.0	636.6	547.4	459.6
-50°	1235.0	1167.0	1086.6	1004.7	921.4	843.7	765.6	682.5	598.4	513.5	429.7
-52.5°	1170.3	1097.9	1021.9	944.3	867.4	793.9	717.1	638.5	558.9	478.2	398.6
-55°	1096.2	1026.8	955.2	882.2	811.2	740.0	667.2	593.1	518.0	441.3	366.7
-57.5°	1017.2	953.5	885.0	817.4	749.7	682.9	615.8	546.3	474.9	403.2	337.6
-60°	933.1	872.5	811.1	746.9	684.1	623.7	563.0	497.6	430.2	364.8	308.0
-62.5°	841.4	787.3	730.3	672.2	617.0	563.1	508.5	445.9	384.1	329.6	277.5
-65°	746.8	697.3	646.4	597.7	549.2	500.5	449.1	392.8	341.6	293.4	246.3
-67.5°	650.7	608.8	565.5	522.5	480.1	435.6	388.6	343.4	299.5	256.4	214.5
-70°	559.2	522.0	485.2	448.8	410.6	371.0	333.6	295.0	256.4	219.6	182.3
-72.5°	469.6	439.1	407.6	375.2	344.0	311.9	279.1	246.3	214.5	182.3	149.5
-75°	382.3	357.7	332.5	306.5	279.7	252.5	226.6	199.5	172.2	144.5	120.5
-77.5°	300.2	279.9	258.9	239.7	219.8	198.4	175.8	152.3	131.9	112.9	92.7
-80°	223.1	209.3	194.9	179.7	162.5	144.3	128.4	112.9	97.8	81.7	64.7
-82.5°	152.2	142.4	132.5	122.2	110.3	98.7	87.2	76.0	63.6	50.4	41.5
-85°	86.7	80.4	73.8	67.0	59.8	52.7	48.7	44.5	38.6	33.0	27.7
-87.5°	35.7	33.9	32.1	30.3	28.4	26.4	24.4	22.3	19.4	16.5	13.9
-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: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	11.4	9.5	7.6	5.7	3.8	1.9	0.0
85°	22.7	19.0	15.3	11.5	7.7	3.8	0.0
82.5°	34.1	28.5	22.9	17.2	11.5	5.7	0.0
80°	46.9	37.9	30.4	22.9	15.3	7.6	0.0
77.5°	71.6	51.2	37.9	28.5	19.0	9.5	0.0
75°	96.0	71.6	46.9	34.1	22.7	11.4	0.0
72.5°	120.1	91.7	63.1	39.6	26.4	13.2	0.0
70°	144.5	111.6	79.1	46.3	30.1	15.0	0.0
67.5°	172.0	131.3	94.8	58.1	33.6	16.8	0.0
65°	198.9	152.0	110.2	69.7	37.2	18.6	0.0
62.5°	225.2	173.6	125.4	81.0	40.6	20.3	0.0
60°	250.8	194.7	140.2	92.1	44.0	22.0	0.0
57.5°	276.4	215.2	156.3	103.0	51.0	23.6	0.0
55°	301.5	235.0	172.0	113.5	57.9	25.2	0.0
52.5°	326.0	254.4	187.2	123.7	64.6	26.8	0.0
50°	349.9	274.4	201.8	133.6	71.0	28.3	0.0
47.5°	373.4	293.8	215.8	143.4	77.1	29.7	0.0
45°	397.8	312.5	229.2	153.4	83.0	31.1	0.0
42.5°	421.0	330.5	242.0	163.0	88.6	32.4	0.0
40°	443.0	347.8	254.9	171.8	93.8	33.7	0.0
37.5°	463.8	364.4	268.0	180.1	98.8	34.9	0.0
35°	483.2	380.4	280.5	187.8	103.4	36.0	0.0
32.5°	501.4	395.7	292.2	195.0	107.7	37.1	0.0
30°	518.2	409.8	303.2	201.7	111.7	38.1	0.0
27.5°	533.5	422.8	313.0	207.9	115.3	39.0	0.0
25°	547.5	434.7	321.9	213.5	118.6	39.9	0.0
22.5°	560.1	445.2	329.9	218.6	121.5	40.6	0.0
20°	571.2	454.2	337.1	223.1	124.1	41.3	0.0
17.5°	581.2	462.1	343.3	227.0	126.3	42.0	0.0
15°	590.3	468.8	348.6	230.4	128.2	42.5	0.0
12.5°	598.0	474.3	353.0	233.1	129.7	43.0	0.0
10°	604.5	478.7	356.5	235.3	130.9	43.3	0.0
7.5°	609.6	481.9	359.1	236.8	131.7	43.6	0.0
5°	613.4	483.9	360.7	237.7	132.2	43.8	0.0
2.5°	615.6	484.7	361.3	238.1	132.3	44.0	0.0
0°	616.4	484.3	361.0	237.8	132.1	44.0	0.0
-2.5°	615.6	484.7	361.3	238.1	132.3	44.0	0.0
-5°	613.4	483.9	360.7	237.7	132.2	43.8	0.0
-7.5°	609.6	481.9	359.1	236.8	131.7	43.6	0.0
-10°	604.5	478.7	356.5	235.3	130.9	43.3	0.0
-12.5°	598.0	474.3	353.0	233.1	129.7	43.0	0.0
-15°	590.3	468.8	348.6	230.4	128.2	42.5	0.0
-17.5°	581.2	462.1	343.3	227.0	126.3	42.0	0.0
-20°	571.2	454.2	337.1	223.1	124.1	41.3	0.0

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	560.1	445.2	329.9	218.6	121.5	40.6	0.0
-25°	547.5	434.7	321.9	213.5	118.6	39.9	0.0
-27.5°	533.5	422.8	313.0	207.9	115.3	39.0	0.0
-30°	518.2	409.8	303.2	201.7	111.7	38.1	0.0
-32.5°	501.4	395.7	292.2	195.0	107.7	37.1	0.0
-35°	483.2	380.4	280.5	187.8	103.4	36.0	0.0
-37.5°	463.8	364.4	268.0	180.1	98.8	34.9	0.0
-40°	443.0	347.8	254.9	171.8	93.8	33.7	0.0
-42.5°	421.0	330.5	242.0	163.0	88.6	32.4	0.0
-45°	397.8	312.5	229.2	153.4	83.0	31.1	0.0
-47.5°	373.4	293.8	215.8	143.4	77.1	29.7	0.0
-50°	349.9	274.4	201.8	133.6	71.0	28.3	0.0
-52.5°	326.0	254.4	187.2	123.7	64.6	26.8	0.0
-55°	301.5	235.0	172.0	113.5	57.9	25.2	0.0
-57.5°	276.4	215.2	156.3	103.0	51.0	23.6	0.0
-60°	250.8	194.7	140.2	92.1	44.0	22.0	0.0
-62.5°	225.2	173.6	125.4	81.0	40.6	20.3	0.0
-65°	198.9	152.0	110.2	69.7	37.2	18.6	0.0
-67.5°	172.0	131.3	94.8	58.1	33.6	16.8	0.0
-70°	144.5	111.6	79.1	46.3	30.1	15.0	0.0
-72.5°	120.1	91.7	63.1	39.6	26.4	13.2	0.0
-75°	96.0	71.6	46.9	34.1	22.7	11.4	0.0
-77.5°	71.6	51.2	37.9	28.5	19.0	9.5	0.0
-80°	46.9	37.9	30.4	22.9	15.3	7.6	0.0
-82.5°	34.1	28.5	22.9	17.2	11.5	5.7	0.0
-85°	22.7	19.0	15.3	11.5	7.7	3.8	0.0
-87.5°	11.4	9.5	7.6	5.7	3.8	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)