

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: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-722-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627967 (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-722-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N134
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

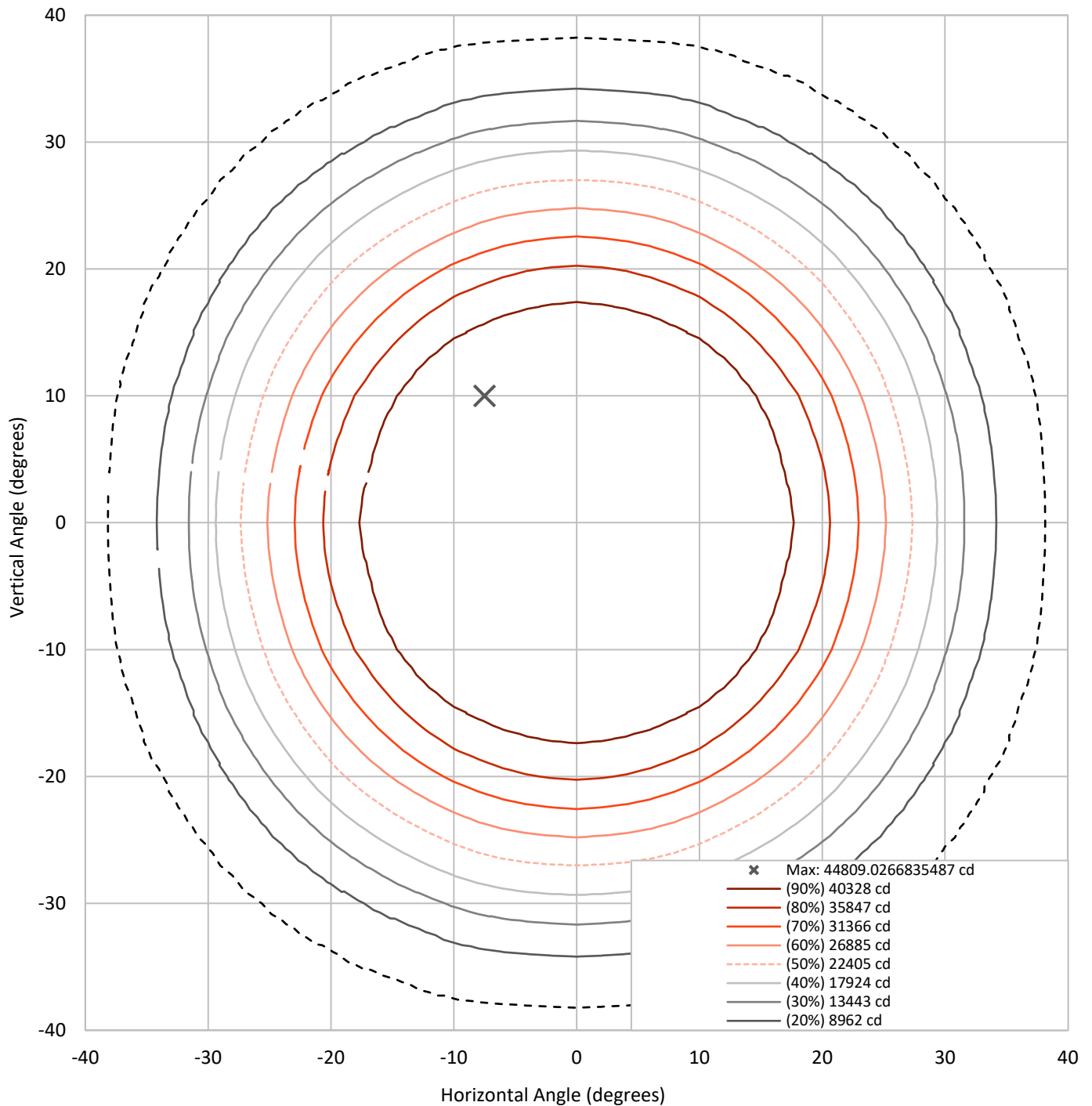
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	38136.7 lumens	Max Intensity:	44809 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	101.2 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:	25312.9 lumens	Field Lumens:	32914 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		



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Iso-Candela Plot





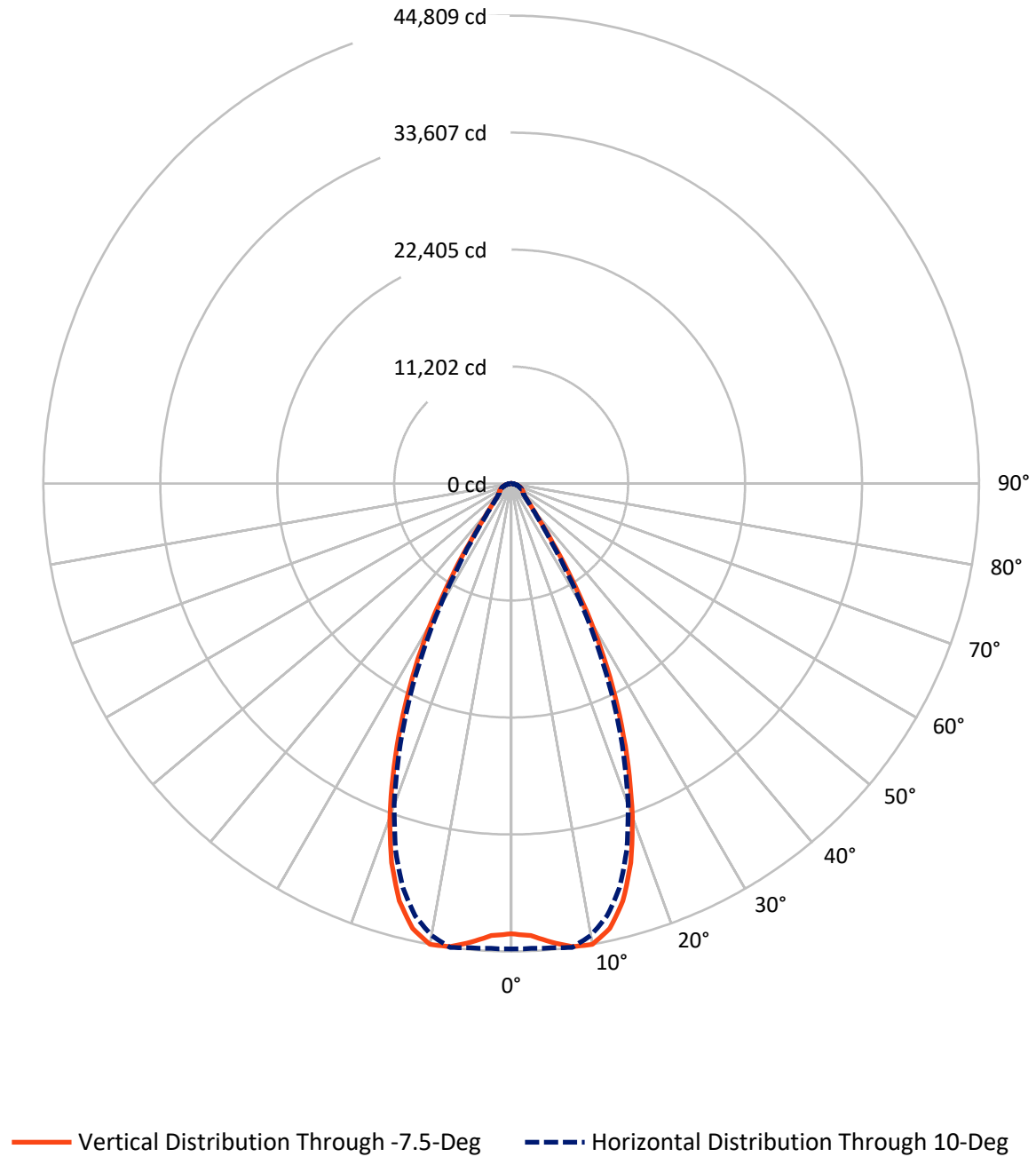
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Lumen Table

90																			
80	1.0	8.9		23.9		37.9		42.3		37.9		23.9		8.9		1.0			
70																			
60	4.1	4.6	9.4	15.3	21.4	25.9	29.3	31.0	31.0	29.3	25.9	21.4	15.3	9.4	4.6	4.1			
50		6.9	13.8	22.0	29.4	35.6	39.8	41.6	41.6	39.8	35.6	29.4	22.0	13.8	6.9				
40	7.2	8.9	17.4	26.7	35.8	46.6	58.6	67.2	67.2	58.6	46.6	35.8	26.7	17.4	8.9	7.2			
30		10.5	20.2	30.7	47.5	86.7	165.9	245.9	245.9	165.9	86.7	47.5	30.7	20.2	10.5				
20	9.3	11.8	22.1	35.8	78.1	244.8	549.3	767.0	767.0	549.3	244.8	78.1	35.8	22.1	11.8	9.3			
10		12.6	23.2	42.6	141.2	521.9	996.7	1247.4	1247.4	996.7	521.9	141.2	42.6	23.2	12.6				
0	10.0	13.0	23.8	47.9	203.3	714.2	1209.1	1315.6	1315.6	1209.1	714.2	203.3	47.9	23.8	13.0	10.0			
-10		13.0	23.8	47.9	203.3	714.2	1209.1	1315.6	1315.6	1209.1	714.2	203.3	47.9	23.8	13.0				
-20	9.3	12.6	23.2	42.6	141.2	521.9	996.7	1247.4	1247.4	996.7	521.9	141.2	42.6	23.2	12.6	9.3			
-30		11.8	22.1	35.8	78.1	244.8	549.3	767.0	767.0	549.3	244.8	78.1	35.8	22.1	11.8				
-40	7.2	10.5	20.2	30.7	47.5	86.7	165.9	245.9	245.9	165.9	86.7	47.5	30.7	20.2	10.5	7.2			
-50		8.9	17.4	26.7	35.8	46.6	58.6	67.2	67.2	58.6	46.6	35.8	26.7	17.4	8.9				
-60	4.1	6.9	13.8	22.0	29.4	35.6	39.8	41.6	41.6	39.8	35.6	29.4	22.0	13.8	6.9	4.1			
-70		4.6	9.4	15.3	21.4	25.9	29.3	31.0	31.0	29.3	25.9	21.4	15.3	9.4	4.6				
-80																			
-90	1.0	8.9		23.9		37.9		42.3		37.9		23.9		8.9		1.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

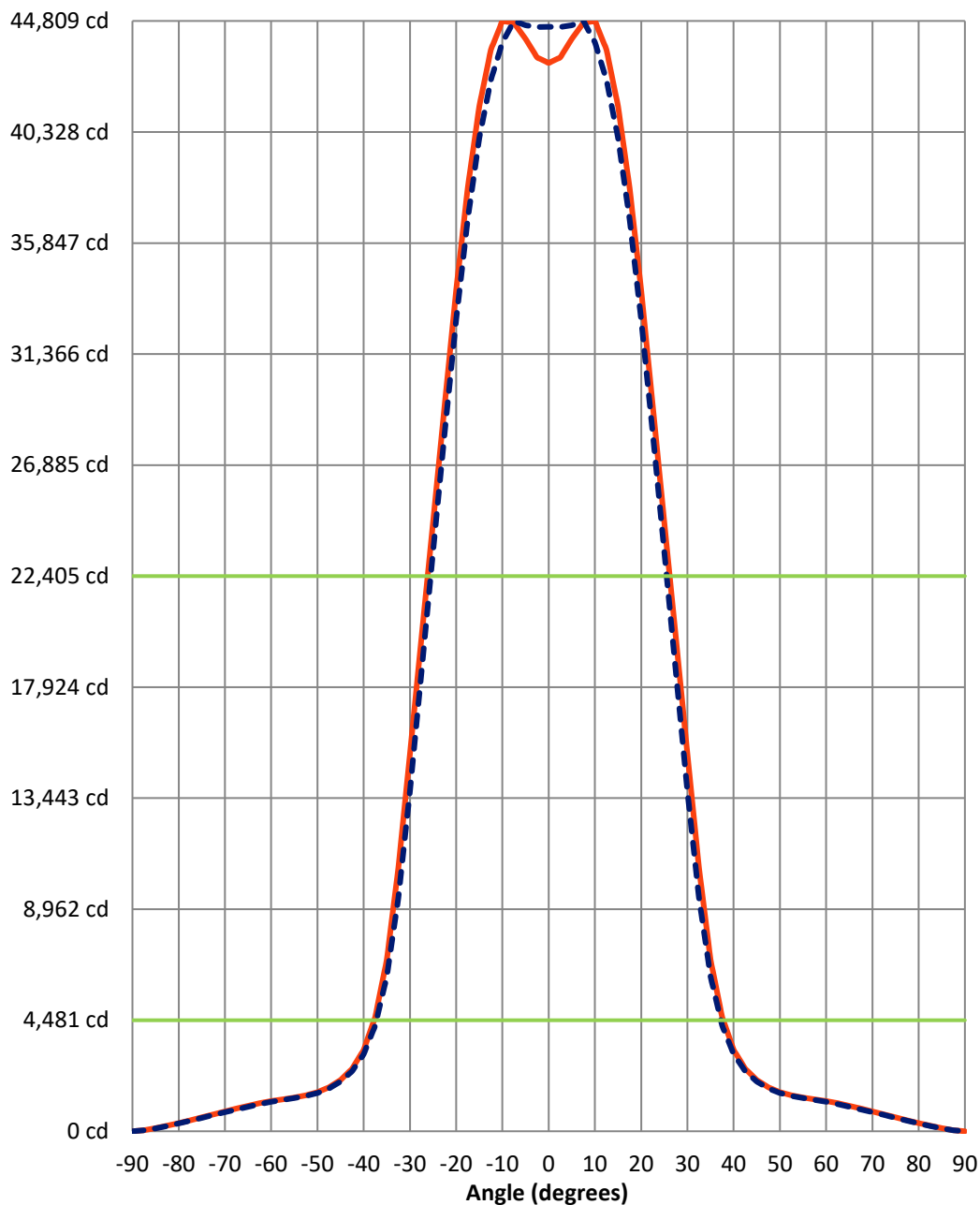
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 25312.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 32914
 Efficiency: 86.3%

Spill:
 Lumens: 5222.7
 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	1.7	3.4	5.1	6.8	8.5	10.1	12.4	14.7	17.3	19.9
85°	0.0	3.4	6.8	10.2	13.6	16.9	20.3	24.7	29.4	34.5	39.7
82.5°	0.0	5.1	10.2	15.3	20.4	25.4	30.4	36.9	45.0	56.7	67.8
80°	0.0	6.8	13.6	20.4	27.1	33.8	41.8	57.7	72.8	87.1	100.6
77.5°	0.0	8.5	16.9	25.4	33.8	45.6	63.8	82.6	100.5	117.5	135.6
75°	0.0	10.1	20.3	30.4	41.8	63.8	85.5	107.3	128.7	153.4	177.7
72.5°	0.0	11.8	23.5	35.3	56.2	81.7	107.0	133.2	162.3	191.0	219.3
70°	0.0	13.4	26.8	41.2	70.4	99.4	128.7	162.3	195.5	228.3	262.7
67.5°	0.0	15.0	30.0	51.7	84.4	116.9	153.2	191.0	228.3	266.7	305.8
65°	0.0	16.6	33.1	62.1	98.2	135.3	177.1	219.3	261.3	304.3	349.9
62.5°	0.0	18.1	36.2	72.2	111.7	154.6	200.5	247.1	293.6	342.1	397.1
60°	0.0	19.6	39.2	82.1	124.8	173.4	223.3	274.3	325.0	383.1	443.2
57.5°	0.0	21.1	45.5	91.7	139.2	191.6	246.1	300.7	359.1	423.0	486.5
55°	0.0	22.5	51.6	101.1	153.2	209.2	268.5	326.6	393.1	461.3	528.2
52.5°	0.0	23.9	57.5	110.2	166.7	226.5	290.4	355.0	425.9	497.7	568.6
50°	0.0	25.2	63.2	119.0	179.7	244.3	311.7	382.7	457.3	532.9	607.8
47.5°	0.0	26.5	68.7	127.7	192.2	261.6	332.6	409.3	487.5	566.9	645.6
45°	0.0	27.7	73.9	136.7	204.1	278.3	354.3	434.7	516.6	599.6	682.0
42.5°	0.0	28.9	78.9	145.2	215.5	294.4	375.0	458.9	544.3	630.9	716.4
40°	0.0	30.0	83.6	153.0	227.0	309.8	394.6	481.8	570.7	660.8	749.5
37.5°	0.0	31.1	88.0	160.4	238.7	324.6	413.0	503.3	596.3	689.7	781.4
35°	0.0	32.1	92.1	167.3	249.8	338.9	430.3	523.4	620.6	716.7	811.0
32.5°	0.0	33.1	95.9	173.7	260.3	352.4	446.5	542.1	643.7	741.8	837.1
30°	0.0	33.9	99.4	179.7	270.1	365.0	461.4	559.8	665.4	765.0	861.5
27.5°	0.0	34.8	102.7	185.1	278.8	376.6	475.1	577.1	685.2	786.2	884.0
25°	0.0	35.5	105.6	190.2	286.7	387.1	487.6	593.2	702.5	804.8	904.6
22.5°	0.0	36.2	108.2	194.7	293.9	396.5	498.7	607.9	718.0	821.4	923.2
20°	0.0	36.8	110.5	198.7	300.2	404.5	508.6	621.2	731.6	836.3	939.8
17.5°	0.0	37.4	112.5	202.1	305.8	411.5	517.6	633.0	743.5	849.2	954.4
15°	0.0	37.9	114.2	205.1	310.5	417.4	525.6	643.6	753.6	860.3	966.9
12.5°	0.0	38.3	115.5	207.6	314.4	422.4	532.5	652.9	762.5	869.5	977.2
10°	0.0	38.6	116.5	209.5	317.5	426.3	538.3	660.6	770.3	878.2	986.0
7.5°	0.0	38.9	117.3	210.8	319.8	429.1	542.9	666.6	776.4	885.1	993.8
5°	0.0	39.1	117.7	211.7	321.2	430.9	546.2	670.9	780.7	890.0	999.3
2.5°	0.0	39.2	117.8	211.9	321.8	431.6	548.2	673.5	783.3	893.0	1002.7
0°	0.0	39.2	117.6	211.7	321.5	431.3	548.9	674.4	784.2	894.0	1003.8
-2.5°	0.0	39.2	117.8	211.9	321.8	431.6	548.2	673.5	783.3	893.0	1002.7
-5°	0.0	39.1	117.7	211.7	321.2	430.9	546.2	670.9	780.7	890.0	999.3
-7.5°	0.0	38.9	117.3	210.8	319.8	429.1	542.9	666.6	776.4	885.1	993.8
-10°	0.0	38.6	116.5	209.5	317.5	426.3	538.3	660.6	770.3	878.2	986.0
-12.5°	0.0	38.3	115.5	207.6	314.4	422.4	532.5	652.9	762.5	869.5	977.2
-15°	0.0	37.9	114.2	205.1	310.5	417.4	525.6	643.6	753.6	860.3	966.9
-17.5°	0.0	37.4	112.5	202.1	305.8	411.5	517.6	633.0	743.5	849.2	954.4
-20°	0.0	36.8	110.5	198.7	300.2	404.5	508.6	621.2	731.6	836.3	939.8

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CATALOG NUMBER: GFLD-SA6E-722-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	36.2	108.2	194.7	293.9	396.5	498.7	607.9	718.0	821.4	923.2
-25°	0.0	35.5	105.6	190.2	286.7	387.1	487.6	593.2	702.5	804.8	904.6
-27.5°	0.0	34.8	102.7	185.1	278.8	376.6	475.1	577.1	685.2	786.2	884.0
-30°	0.0	33.9	99.4	179.7	270.1	365.0	461.4	559.8	665.4	765.0	861.5
-32.5°	0.0	33.1	95.9	173.7	260.3	352.4	446.5	542.1	643.7	741.8	837.1
-35°	0.0	32.1	92.1	167.3	249.8	338.9	430.3	523.4	620.6	716.7	811.0
-37.5°	0.0	31.1	88.0	160.4	238.7	324.6	413.0	503.3	596.3	689.7	781.4
-40°	0.0	30.0	83.6	153.0	227.0	309.8	394.6	481.8	570.7	660.8	749.5
-42.5°	0.0	28.9	78.9	145.2	215.5	294.4	375.0	458.9	544.3	630.9	716.4
-45°	0.0	27.7	73.9	136.7	204.1	278.3	354.3	434.7	516.6	599.6	682.0
-47.5°	0.0	26.5	68.7	127.7	192.2	261.6	332.6	409.3	487.5	566.9	645.6
-50°	0.0	25.2	63.2	119.0	179.7	244.3	311.7	382.7	457.3	532.9	607.8
-52.5°	0.0	23.9	57.5	110.2	166.7	226.5	290.4	355.0	425.9	497.7	568.6
-55°	0.0	22.5	51.6	101.1	153.2	209.2	268.5	326.6	393.1	461.3	528.2
-57.5°	0.0	21.1	45.5	91.7	139.2	191.6	246.1	300.7	359.1	423.0	486.5
-60°	0.0	19.6	39.2	82.1	124.8	173.4	223.3	274.3	325.0	383.1	443.2
-62.5°	0.0	18.1	36.2	72.2	111.7	154.6	200.5	247.1	293.6	342.1	397.1
-65°	0.0	16.6	33.1	62.1	98.2	135.3	177.1	219.3	261.3	304.3	349.9
-67.5°	0.0	15.0	30.0	51.7	84.4	116.9	153.2	191.0	228.3	266.7	305.8
-70°	0.0	13.4	26.8	41.2	70.4	99.4	128.7	162.3	195.5	228.3	262.7
-72.5°	0.0	11.8	23.5	35.3	56.2	81.7	107.0	133.2	162.3	191.0	219.3
-75°	0.0	10.1	20.3	30.4	41.8	63.8	85.5	107.3	128.7	153.4	177.7
-77.5°	0.0	8.5	16.9	25.4	33.8	45.6	63.8	82.6	100.5	117.5	135.6
-80°	0.0	6.8	13.6	20.4	27.1	33.8	41.8	57.7	72.8	87.1	100.6
-82.5°	0.0	5.1	10.2	15.3	20.4	25.4	30.4	36.9	45.0	56.7	67.8
-85°	0.0	3.4	6.8	10.2	13.6	16.9	20.3	24.7	29.4	34.5	39.7
-87.5°	0.0	1.7	3.4	5.1	6.8	8.5	10.1	12.4	14.7	17.3	19.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.7	23.5	25.3	27.0	28.7	30.3	31.8	33.3	34.7	36.1	37.4
85°	43.5	47.1	53.3	59.7	65.8	71.6	77.3	82.7	87.9	92.9	97.6
82.5°	77.7	87.9	98.3	108.8	118.0	126.8	135.5	144.4	153.3	162.2	171.0
80°	114.3	128.5	144.7	160.0	173.5	186.3	198.7	210.6	223.5	237.3	251.4
77.5°	156.6	176.7	195.7	213.5	230.5	249.2	267.3	284.6	302.7	320.5	337.6
75°	201.8	224.9	249.1	273.0	296.1	318.6	340.5	362.9	385.5	407.9	429.3
72.5°	248.5	277.8	306.4	334.2	363.0	391.1	418.2	444.3	471.2	498.7	525.0
70°	297.1	330.5	365.7	399.7	432.1	464.8	498.0	529.9	561.1	592.9	624.5
67.5°	346.1	388.0	427.6	465.4	503.6	542.1	579.5	617.6	654.5	691.6	727.0
65°	400.0	445.8	489.1	532.3	575.7	621.0	665.1	707.6	750.5	791.9	829.1
62.5°	452.9	501.5	549.5	598.7	650.3	701.1	749.3	798.2	847.9	891.3	929.0
60°	501.5	555.5	609.2	665.2	722.3	777.0	831.0	884.1	937.6	987.5	1018.3
57.5°	548.4	608.1	667.6	728.0	788.1	849.2	905.9	964.3	1014.0	1056.1	1091.7
55°	594.1	659.0	722.4	785.7	850.7	914.4	976.2	1031.6	1080.2	1115.3	1149.7
52.5°	638.6	707.0	772.5	841.0	910.0	977.7	1042.1	1093.6	1133.4	1169.3	1201.5
50°	681.8	751.3	820.5	894.7	967.6	1039.2	1099.8	1144.9	1185.4	1220.3	1254.0
47.5°	722.2	794.7	868.6	946.6	1023.4	1092.6	1148.3	1195.5	1236.9	1274.5	1314.4
45°	761.1	838.1	916.1	996.7	1075.1	1142.0	1195.7	1246.5	1285.2	1327.7	1373.5
42.5°	798.9	879.7	961.6	1044.8	1124.0	1186.5	1240.1	1286.7	1332.2	1382.6	1437.8
40°	834.8	919.0	1004.4	1091.0	1170.0	1225.4	1277.9	1327.3	1382.6	1442.4	1506.4
37.5°	868.5	955.9	1044.6	1134.5	1203.9	1260.9	1314.7	1369.7	1434.0	1503.3	1590.3
35°	900.0	990.3	1082.0	1168.3	1234.2	1294.7	1350.4	1411.8	1486.8	1577.5	1688.8
32.5°	929.2	1022.1	1116.4	1195.6	1262.2	1325.0	1382.2	1458.8	1549.0	1656.9	1814.4
30°	956.1	1051.2	1145.9	1222.5	1287.4	1350.5	1420.2	1506.4	1611.9	1769.4	1971.0
27.5°	981.0	1077.6	1169.0	1244.8	1310.0	1375.0	1456.5	1561.0	1700.0	1887.9	2138.5
25°	1003.9	1102.9	1191.1	1263.6	1330.9	1403.0	1491.6	1609.0	1791.7	2034.5	2373.2
22.5°	1024.6	1125.7	1212.3	1279.8	1350.4	1428.6	1531.9	1678.9	1889.5	2173.0	2609.8
20°	1043.2	1143.0	1228.2	1295.1	1368.5	1449.8	1567.9	1745.0	1999.1	2366.2	2923.8
17.5°	1059.4	1158.1	1240.1	1309.8	1386.1	1473.8	1602.9	1802.4	2096.5	2534.8	3241.3
15°	1073.3	1171.0	1250.2	1322.4	1401.5	1501.3	1651.6	1877.4	2209.6	2710.1	3517.9
12.5°	1084.9	1181.6	1258.4	1332.6	1414.1	1524.2	1693.3	1948.1	2327.1	2925.5	3925.6
10°	1094.0	1190.0	1264.7	1340.6	1424.0	1542.6	1727.2	2006.0	2424.4	3112.1	4273.4
7.5°	1102.4	1196.1	1269.0	1346.2	1431.1	1556.3	1752.9	2050.6	2499.0	3258.6	4548.6
5°	1108.6	1199.8	1271.4	1349.5	1437.0	1565.3	1770.4	2081.5	2550.5	3363.3	4742.2
2.5°	1112.4	1201.0	1271.9	1350.3	1441.4	1569.3	1779.5	2098.5	2591.0	3412.9	4846.3
0°	1113.6	1199.8	1270.4	1348.8	1442.9	1568.4	1780.1	2101.6	2611.4	3411.2	4862.0
-2.5°	1112.4	1201.0	1271.9	1350.3	1441.4	1569.3	1779.5	2098.5	2591.0	3412.9	4846.3
-5°	1108.6	1199.8	1271.4	1349.5	1437.0	1565.3	1770.4	2081.5	2550.5	3363.3	4742.2
-7.5°	1102.4	1196.1	1269.0	1346.2	1431.1	1556.3	1752.9	2050.6	2499.0	3258.6	4548.6
-10°	1094.0	1190.0	1264.7	1340.6	1424.0	1542.6	1727.2	2006.0	2424.4	3112.1	4273.4
-12.5°	1084.9	1181.6	1258.4	1332.6	1414.1	1524.2	1693.3	1948.1	2327.1	2925.5	3925.6
-15°	1073.3	1171.0	1250.2	1322.4	1401.5	1501.3	1651.6	1877.4	2209.6	2710.1	3517.9
-17.5°	1059.4	1158.1	1240.1	1309.8	1386.1	1473.8	1602.9	1802.4	2096.5	2534.8	3241.3
-20°	1043.2	1143.0	1228.2	1295.1	1368.5	1449.8	1567.9	1745.0	1999.1	2366.2	2923.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	1024.6	1125.7	1212.3	1279.8	1350.4	1428.6	1531.9	1678.9	1889.5	2173.0	2609.8
-25°	1003.9	1102.9	1191.1	1263.6	1330.9	1403.0	1491.6	1609.0	1791.7	2034.5	2373.2
-27.5°	981.0	1077.6	1169.0	1244.8	1310.0	1375.0	1456.5	1561.0	1700.0	1887.9	2138.5
-30°	956.1	1051.2	1145.9	1222.5	1287.4	1350.5	1420.2	1506.4	1611.9	1769.4	1971.0
-32.5°	929.2	1022.1	1116.4	1195.6	1262.2	1325.0	1382.2	1458.8	1549.0	1656.9	1814.4
-35°	900.0	990.3	1082.0	1168.3	1234.2	1294.7	1350.4	1411.8	1486.8	1577.5	1688.8
-37.5°	868.5	955.9	1044.6	1134.5	1203.9	1260.9	1314.7	1369.7	1434.0	1503.3	1590.3
-40°	834.8	919.0	1004.4	1091.0	1170.0	1225.4	1277.9	1327.3	1382.6	1442.4	1506.4
-42.5°	798.9	879.7	961.6	1044.8	1124.0	1186.5	1240.1	1286.7	1332.2	1382.6	1437.8
-45°	761.1	838.1	916.1	996.7	1075.1	1142.0	1195.7	1246.5	1285.2	1327.7	1373.5
-47.5°	722.2	794.7	868.6	946.6	1023.4	1092.6	1148.3	1195.5	1236.9	1274.5	1314.4
-50°	681.8	751.3	820.5	894.7	967.6	1039.2	1099.8	1144.9	1185.4	1220.3	1254.0
-52.5°	638.6	707.0	772.5	841.0	910.0	977.7	1042.1	1093.6	1133.4	1169.3	1201.5
-55°	594.1	659.0	722.4	785.7	850.7	914.4	976.2	1031.6	1080.2	1115.3	1149.7
-57.5°	548.4	608.1	667.6	728.0	788.1	849.2	905.9	964.3	1014.0	1056.1	1091.7
-60°	501.5	555.5	609.2	665.2	722.3	777.0	831.0	884.1	937.6	987.5	1018.3
-62.5°	452.9	501.5	549.5	598.7	650.3	701.1	749.3	798.2	847.9	891.3	929.0
-65°	400.0	445.8	489.1	532.3	575.7	621.0	665.1	707.6	750.5	791.9	829.1
-67.5°	346.1	388.0	427.6	465.4	503.6	542.1	579.5	617.6	654.5	691.6	727.0
-70°	297.1	330.5	365.7	399.7	432.1	464.8	498.0	529.9	561.1	592.9	624.5
-72.5°	248.5	277.8	306.4	334.2	363.0	391.1	418.2	444.3	471.2	498.7	525.0
-75°	201.8	224.9	249.1	273.0	296.1	318.6	340.5	362.9	385.5	407.9	429.3
-77.5°	156.6	176.7	195.7	213.5	230.5	249.2	267.3	284.6	302.7	320.5	337.6
-80°	114.3	128.5	144.7	160.0	173.5	186.3	198.7	210.6	223.5	237.3	251.4
-82.5°	77.7	87.9	98.3	108.8	118.0	126.8	135.5	144.4	153.3	162.2	171.0
-85°	43.5	47.1	53.3	59.7	65.8	71.6	77.3	82.7	87.9	92.9	97.6
-87.5°	21.7	23.5	25.3	27.0	28.7	30.3	31.8	33.3	34.7	36.1	37.4
-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: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	38.6	38.1	37.4	36.5	35.5	38.0	40.5	43.0	45.5	44.1	42.5
85°	102.1	104.4	106.3	108.0	109.4	114.2	118.9	123.3	127.4	127.3	126.8
82.5°	179.6	185.4	190.4	194.8	198.8	204.4	209.6	214.0	217.7	220.5	222.9
80°	264.7	274.1	282.1	289.4	296.0	303.5	310.5	316.7	322.1	325.1	326.9
77.5°	354.5	368.2	380.5	392.2	403.3	414.3	424.3	433.2	441.0	442.8	442.4
75°	449.7	468.1	485.4	501.4	516.2	528.9	539.6	548.6	556.0	559.7	561.7
72.5°	550.0	572.6	592.9	611.3	627.0	640.1	651.4	661.2	669.5	674.8	677.9
70°	654.5	681.4	702.3	719.5	733.0	746.0	760.6	774.5	787.5	794.8	797.7
67.5°	759.4	787.2	806.4	822.0	834.4	847.2	865.6	882.1	896.9	906.8	913.1
65°	862.0	891.3	910.5	925.5	936.8	949.7	970.2	986.7	999.2	1009.1	1018.1
62.5°	963.5	992.9	1014.3	1032.1	1048.6	1062.8	1079.6	1093.4	1104.1	1113.9	1125.0
60°	1051.3	1086.3	1108.7	1126.8	1147.2	1169.3	1181.7	1192.0	1201.0	1208.9	1215.7
57.5°	1123.1	1154.3	1183.1	1204.9	1226.1	1246.6	1261.3	1271.0	1278.8	1284.7	1287.0
55°	1183.2	1215.4	1247.5	1271.1	1292.0	1311.2	1327.3	1339.9	1350.4	1358.6	1360.5
52.5°	1237.0	1273.1	1304.7	1332.0	1359.6	1382.1	1399.8	1417.0	1432.0	1444.1	1449.3
50°	1295.5	1333.4	1372.8	1409.3	1438.6	1464.4	1485.9	1510.2	1535.8	1556.9	1570.3
47.5°	1357.1	1400.8	1448.3	1493.2	1528.0	1566.2	1601.8	1637.9	1685.5	1725.5	1755.2
45°	1421.5	1477.6	1531.8	1588.9	1637.0	1709.0	1775.9	1833.3	1909.7	1978.9	2034.0
42.5°	1497.6	1567.4	1633.9	1725.4	1821.1	1919.5	2025.8	2116.5	2235.9	2357.3	2455.4
40°	1587.7	1676.8	1794.2	1917.0	2068.1	2203.4	2386.9	2550.5	2733.5	2965.1	3156.3
37.5°	1696.1	1833.6	1996.8	2167.9	2403.6	2628.7	2932.1	3251.8	3541.9	3987.2	4361.8
35°	1837.0	2029.2	2244.1	2546.9	2880.5	3302.4	3775.6	4393.1	4922.6	5673.8	6391.6
32.5°	2018.6	2265.6	2616.6	3084.1	3577.1	4343.0	5093.9	6166.1	7158.9	8349.5	9634.5
30°	2220.6	2596.5	3132.8	3774.0	4693.6	5820.4	7144.2	8791.0	10593.2	12266.6	13915.5
27.5°	2513.4	3052.0	3756.5	4791.2	6224.4	7800.8	10120.2	12355.7	14687.9	16761.1	18490.2
25°	2855.3	3567.0	4656.4	6180.0	8118.2	10817.6	13594.1	16353.1	18861.2	21031.7	22942.2
22.5°	3296.6	4320.4	5772.6	7746.2	10764.3	13999.7	17255.5	20298.7	22974.2	25391.1	27459.1
20°	3776.8	5057.8	7131.7	10074.6	13526.0	17212.2	20888.3	24130.0	27075.9	29816.3	32147.1
17.5°	4385.4	6179.3	8805.6	12336.0	16326.4	20365.0	24227.0	27744.8	31087.1	33986.9	36422.2
15°	4904.0	7167.0	10594.7	14735.1	19051.3	23311.5	27388.8	31209.9	34684.7	37660.0	39949.5
12.5°	5595.7	8274.0	12183.1	16797.6	21474.9	25957.5	30252.2	34201.6	37737.8	40680.3	42462.6
10°	6249.6	9420.0	13718.3	18530.6	23389.9	28166.1	32751.6	36802.0	40085.3	42426.0	43944.8
7.5°	6805.6	10404.9	14967.1	19931.4	24911.5	29904.9	34546.7	38487.6	41514.9	43469.7	44527.1
5°	7220.7	11141.2	15894.2	21069.7	26179.9	31261.1	35866.6	39566.2	42182.6	43634.8	44165.7
2.5°	7485.2	11573.6	16432.1	21816.5	27028.9	32119.1	36771.9	40413.5	42633.5	43596.0	43687.5
0°	7591.0	11629.5	16515.1	22208.3	27242.8	32363.5	37029.5	40762.2	42801.1	43593.2	43577.5
-2.5°	7485.2	11573.6	16432.1	21816.5	27028.9	32119.1	36771.9	40413.5	42633.5	43596.0	43687.5
-5°	7220.7	11141.2	15894.2	21069.7	26179.9	31261.1	35866.6	39566.2	42182.6	43634.8	44165.7
-7.5°	6805.6	10404.9	14967.1	19931.4	24911.5	29904.9	34546.7	38487.6	41514.9	43469.7	44527.1
-10°	6249.6	9420.0	13718.3	18530.6	23389.9	28166.1	32751.6	36802.0	40085.3	42426.0	43944.8
-12.5°	5595.7	8274.0	12183.1	16797.6	21474.9	25957.5	30252.2	34201.6	37737.8	40680.3	42462.6
-15°	4904.0	7167.0	10594.7	14735.1	19051.3	23311.5	27388.8	31209.9	34684.7	37660.0	39949.5
-17.5°	4385.4	6179.3	8805.6	12336.0	16326.4	20365.0	24227.0	27744.8	31087.1	33986.9	36422.2
-20°	3776.8	5057.8	7131.7	10074.6	13526.0	17212.2	20888.3	24130.0	27075.9	29816.3	32147.1



REPORT NUMBER: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3296.6	4320.4	5772.6	7746.2	10764.3	13999.7	17255.5	20298.7	22974.2	25391.1	27459.1
-25°	2855.3	3567.0	4656.4	6180.0	8118.2	10817.6	13594.1	16353.1	18861.2	21031.7	22942.2
-27.5°	2513.4	3052.0	3756.5	4791.2	6224.4	7800.8	10120.2	12355.7	14687.9	16761.1	18490.2
-30°	2220.6	2596.5	3132.8	3774.0	4693.6	5820.4	7144.2	8791.0	10593.2	12266.6	13915.5
-32.5°	2018.6	2265.6	2616.6	3084.1	3577.1	4343.0	5093.9	6166.1	7158.9	8349.5	9634.5
-35°	1837.0	2029.2	2244.1	2546.9	2880.5	3302.4	3775.6	4393.1	4922.6	5673.8	6391.6
-37.5°	1696.1	1833.6	1996.8	2167.9	2403.6	2628.7	2932.1	3251.8	3541.9	3987.2	4361.8
-40°	1587.7	1676.8	1794.2	1917.0	2068.1	2203.4	2386.9	2550.5	2733.5	2965.1	3156.3
-42.5°	1497.6	1567.4	1633.9	1725.4	1821.1	1919.5	2025.8	2116.5	2235.9	2357.3	2455.4
-45°	1421.5	1477.6	1531.8	1588.9	1637.0	1709.0	1775.9	1833.3	1909.7	1978.9	2034.0
-47.5°	1357.1	1400.8	1448.3	1493.2	1528.0	1566.2	1601.8	1637.9	1685.5	1725.5	1755.2
-50°	1295.5	1333.4	1372.8	1409.3	1438.6	1464.4	1485.9	1510.2	1535.8	1556.9	1570.3
-52.5°	1237.0	1273.1	1304.7	1332.0	1359.6	1382.1	1399.8	1417.0	1432.0	1444.1	1449.3
-55°	1183.2	1215.4	1247.5	1271.1	1292.0	1311.2	1327.3	1339.9	1350.4	1358.6	1360.5
-57.5°	1123.1	1154.3	1183.1	1204.9	1226.1	1246.6	1261.3	1271.0	1278.8	1284.7	1287.0
-60°	1051.3	1086.3	1108.7	1126.8	1147.2	1169.3	1181.7	1192.0	1201.0	1208.9	1215.7
-62.5°	963.5	992.9	1014.3	1032.1	1048.6	1062.8	1079.6	1093.4	1104.1	1113.9	1125.0
-65°	862.0	891.3	910.5	925.5	936.8	949.7	970.2	986.7	999.2	1009.1	1018.1
-67.5°	759.4	787.2	806.4	822.0	834.4	847.2	865.6	882.1	896.9	906.8	913.1
-70°	654.5	681.4	702.3	719.5	733.0	746.0	760.6	774.5	787.5	794.8	797.7
-72.5°	550.0	572.6	592.9	611.3	627.0	640.1	651.4	661.2	669.5	674.8	677.9
-75°	449.7	468.1	485.4	501.4	516.2	528.9	539.6	548.6	556.0	559.7	561.7
-77.5°	354.5	368.2	380.5	392.2	403.3	414.3	424.3	433.2	441.0	442.8	442.4
-80°	264.7	274.1	282.1	289.4	296.0	303.5	310.5	316.7	322.1	325.1	326.9
-82.5°	179.6	185.4	190.4	194.8	198.8	204.4	209.6	214.0	217.7	220.5	222.9
-85°	102.1	104.4	106.3	108.0	109.4	114.2	118.9	123.3	127.4	127.3	126.8
-87.5°	38.6	38.1	37.4	36.5	35.5	38.0	40.5	43.0	45.5	44.1	42.5
-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: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	40.8	39.1	39.2	39.2	39.2	39.1	40.8	42.5	44.1	45.5	43.0
85°	126.0	124.9	121.4	117.6	121.4	124.9	126.0	126.8	127.3	127.4	123.3
82.5°	224.8	226.2	223.2	219.6	223.2	226.2	224.8	222.9	220.5	217.7	214.0
80°	327.8	327.9	325.1	321.5	325.1	327.9	327.8	326.9	325.1	322.1	316.7
77.5°	440.5	437.3	438.6	439.1	438.6	437.3	440.5	442.4	442.8	441.0	433.2
75°	562.5	561.9	560.1	556.8	560.1	561.9	562.5	561.7	559.7	556.0	548.6
72.5°	679.4	679.3	677.7	674.4	677.7	679.3	679.4	677.9	674.8	669.5	661.2
70°	798.3	796.9	798.9	799.9	798.9	796.9	798.3	797.7	794.8	787.5	774.5
67.5°	918.0	921.1	920.6	917.5	920.6	921.1	918.0	913.1	906.8	896.9	882.1
65°	1025.3	1030.7	1033.9	1035.1	1033.9	1030.7	1025.3	1018.1	1009.1	999.2	986.7
62.5°	1133.7	1139.9	1140.3	1137.1	1140.3	1139.9	1133.7	1125.0	1113.9	1104.1	1093.4
60°	1219.5	1220.5	1219.0	1215.5	1219.0	1220.5	1219.5	1215.7	1208.9	1201.0	1192.0
57.5°	1287.0	1284.7	1282.0	1278.2	1282.0	1284.7	1287.0	1287.0	1284.7	1278.8	1271.0
55°	1359.5	1355.7	1352.5	1348.8	1352.5	1355.7	1359.5	1360.5	1358.6	1350.4	1339.9
52.5°	1450.5	1448.6	1446.3	1442.9	1446.3	1448.6	1450.5	1449.3	1444.1	1432.0	1417.0
50°	1577.1	1579.1	1578.9	1576.2	1578.9	1579.1	1577.1	1570.3	1556.9	1535.8	1510.2
47.5°	1774.0	1784.5	1791.5	1795.8	1791.5	1784.5	1774.0	1755.2	1725.5	1685.5	1637.9
45°	2069.2	2090.1	2104.9	2117.3	2104.9	2090.1	2069.2	2034.0	1978.9	1909.7	1833.3
42.5°	2524.4	2571.4	2593.5	2587.8	2593.5	2571.4	2524.4	2455.4	2357.3	2235.9	2116.5
40°	3283.8	3359.5	3401.4	3434.8	3401.4	3359.5	3283.8	3156.3	2965.1	2733.5	2550.5
37.5°	4617.6	4764.5	4841.8	4909.0	4841.8	4764.5	4617.6	4361.8	3987.2	3541.9	3251.8
35°	6928.0	7258.4	7435.3	7496.9	7435.3	7258.4	6928.0	6391.6	5673.8	4922.6	4393.1
32.5°	10634.3	11243.8	11580.9	11841.3	11580.9	11243.8	10634.3	9634.5	8349.5	7158.9	6166.1
30°	15221.2	16024.0	16469.9	16687.6	16469.9	16024.0	15221.2	13915.5	12266.6	10593.2	8791.0
27.5°	19923.3	20836.0	21316.7	21290.8	21316.7	20836.0	19923.3	18490.2	16761.1	14687.9	12355.7
25°	24580.0	25637.1	26116.1	26544.9	26116.1	25637.1	24580.0	22942.2	21031.7	18861.2	16353.1
22.5°	29289.7	30525.8	31200.3	31516.6	31200.3	30525.8	29289.7	27459.1	25391.1	22974.2	20298.7
20°	33943.4	35319.4	36035.5	36347.2	36035.5	35319.4	33943.4	32147.1	29816.3	27075.9	24130.0
17.5°	38070.7	39414.0	40096.5	40385.8	40096.5	39414.0	38070.7	36422.2	33986.9	31087.1	27744.8
15°	41366.3	42357.1	42937.6	43091.3	42937.6	42357.1	41366.3	39949.5	37660.0	34684.7	31209.9
12.5°	43644.4	44028.2	44307.3	44393.0	44307.3	44028.2	43644.4	42462.6	40680.3	37737.8	34201.6
10°	44809.0	44635.9	44564.3	44573.4	44564.3	44635.9	44809.0	43944.8	42426.0	40085.3	36802.0
7.5°	44728.9	44472.5	43957.5	43875.5	43957.5	44472.5	44728.9	44527.1	43469.7	41514.9	38487.6
5°	44086.3	43619.4	42764.6	42518.8	42764.6	43619.4	44086.3	44165.7	43634.8	42182.6	39566.2
2.5°	43337.3	42495.6	41708.1	41201.4	41708.1	42495.6	43337.3	43687.5	43596.0	42633.5	40413.5
0°	43114.8	42142.4	41123.0	40793.6	41123.0	42142.4	43114.8	43577.5	43593.2	42801.1	40762.2
-2.5°	43337.3	42495.6	41708.1	41201.4	41708.1	42495.6	43337.3	43687.5	43596.0	42633.5	40413.5
-5°	44086.3	43619.4	42764.6	42518.8	42764.6	43619.4	44086.3	44165.7	43634.8	42182.6	39566.2
-7.5°	44728.9	44472.5	43957.5	43875.5	43957.5	44472.5	44728.9	44527.1	43469.7	41514.9	38487.6
-10°	44809.0	44635.9	44564.3	44573.4	44564.3	44635.9	44809.0	43944.8	42426.0	40085.3	36802.0
-12.5°	43644.4	44028.2	44307.3	44393.0	44307.3	44028.2	43644.4	42462.6	40680.3	37737.8	34201.6
-15°	41366.3	42357.1	42937.6	43091.3	42937.6	42357.1	41366.3	39949.5	37660.0	34684.7	31209.9
-17.5°	38070.7	39414.0	40096.5	40385.8	40096.5	39414.0	38070.7	36422.2	33986.9	31087.1	27744.8
-20°	33943.4	35319.4	36035.5	36347.2	36035.5	35319.4	33943.4	32147.1	29816.3	27075.9	24130.0



REPORT NUMBER: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	29289.7	30525.8	31200.3	31516.6	31200.3	30525.8	29289.7	27459.1	25391.1	22974.2	20298.7
-25°	24580.0	25637.1	26116.1	26544.9	26116.1	25637.1	24580.0	22942.2	21031.7	18861.2	16353.1
-27.5°	19923.3	20836.0	21316.7	21290.8	21316.7	20836.0	19923.3	18490.2	16761.1	14687.9	12355.7
-30°	15221.2	16024.0	16469.9	16687.6	16469.9	16024.0	15221.2	13915.5	12266.6	10593.2	8791.0
-32.5°	10634.3	11243.8	11580.9	11841.3	11580.9	11243.8	10634.3	9634.5	8349.5	7158.9	6166.1
-35°	6928.0	7258.4	7435.3	7496.9	7435.3	7258.4	6928.0	6391.6	5673.8	4922.6	4393.1
-37.5°	4617.6	4764.5	4841.8	4909.0	4841.8	4764.5	4617.6	4361.8	3987.2	3541.9	3251.8
-40°	3283.8	3359.5	3401.4	3434.8	3401.4	3359.5	3283.8	3156.3	2965.1	2733.5	2550.5
-42.5°	2524.4	2571.4	2593.5	2587.8	2593.5	2571.4	2524.4	2455.4	2357.3	2235.9	2116.5
-45°	2069.2	2090.1	2104.9	2117.3	2104.9	2090.1	2069.2	2034.0	1978.9	1909.7	1833.3
-47.5°	1774.0	1784.5	1791.5	1795.8	1791.5	1784.5	1774.0	1755.2	1725.5	1685.5	1637.9
-50°	1577.1	1579.1	1578.9	1576.2	1578.9	1579.1	1577.1	1570.3	1556.9	1535.8	1510.2
-52.5°	1450.5	1448.6	1446.3	1442.9	1446.3	1448.6	1450.5	1449.3	1444.1	1432.0	1417.0
-55°	1359.5	1355.7	1352.5	1348.8	1352.5	1355.7	1359.5	1360.5	1358.6	1350.4	1339.9
-57.5°	1287.0	1284.7	1282.0	1278.2	1282.0	1284.7	1287.0	1287.0	1284.7	1278.8	1271.0
-60°	1219.5	1220.5	1219.0	1215.5	1219.0	1220.5	1219.5	1215.7	1208.9	1201.0	1192.0
-62.5°	1133.7	1139.9	1140.3	1137.1	1140.3	1139.9	1133.7	1125.0	1113.9	1104.1	1093.4
-65°	1025.3	1030.7	1033.9	1035.1	1033.9	1030.7	1025.3	1018.1	1009.1	999.2	986.7
-67.5°	918.0	921.1	920.6	917.5	920.6	921.1	918.0	913.1	906.8	896.9	882.1
-70°	798.3	796.9	798.9	799.9	798.9	796.9	798.3	797.7	794.8	787.5	774.5
-72.5°	679.4	679.3	677.7	674.4	677.7	679.3	679.4	677.9	674.8	669.5	661.2
-75°	562.5	561.9	560.1	556.8	560.1	561.9	562.5	561.7	559.7	556.0	548.6
-77.5°	440.5	437.3	438.6	439.1	438.6	437.3	440.5	442.4	442.8	441.0	433.2
-80°	327.8	327.9	325.1	321.5	325.1	327.9	327.8	326.9	325.1	322.1	316.7
-82.5°	224.8	226.2	223.2	219.6	223.2	226.2	224.8	222.9	220.5	217.7	214.0
-85°	126.0	124.9	121.4	117.6	121.4	124.9	126.0	126.8	127.3	127.4	123.3
-87.5°	40.8	39.1	39.2	39.2	39.2	39.1	40.8	42.5	44.1	45.5	43.0
-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: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	40.5	38.0	35.5	36.5	37.4	38.1	38.6	37.4	36.1	34.7	33.3
85°	118.9	114.2	109.4	108.0	106.3	104.4	102.1	97.6	92.9	87.9	82.7
82.5°	209.6	204.4	198.8	194.8	190.4	185.4	179.6	171.0	162.2	153.3	144.4
80°	310.5	303.5	296.0	289.4	282.1	274.1	264.7	251.4	237.3	223.5	210.6
77.5°	424.3	414.3	403.3	392.2	380.5	368.2	354.5	337.6	320.5	302.7	284.6
75°	539.6	528.9	516.2	501.4	485.4	468.1	449.7	429.3	407.9	385.5	362.9
72.5°	651.4	640.1	627.0	611.3	592.9	572.6	550.0	525.0	498.7	471.2	444.3
70°	760.6	746.0	733.0	719.5	702.3	681.4	654.5	624.5	592.9	561.1	529.9
67.5°	865.6	847.2	834.4	822.0	806.4	787.2	759.4	727.0	691.6	654.5	617.6
65°	970.2	949.7	936.8	925.5	910.5	891.3	862.0	829.1	791.9	750.5	707.6
62.5°	1079.6	1062.8	1048.6	1032.1	1014.3	992.9	963.5	929.0	891.3	847.9	798.2
60°	1181.7	1169.3	1147.2	1126.8	1108.7	1086.3	1051.3	1018.3	987.5	937.6	884.1
57.5°	1261.3	1246.6	1226.1	1204.9	1183.1	1154.3	1123.1	1091.7	1056.1	1014.0	964.3
55°	1327.3	1311.2	1292.0	1271.1	1247.5	1215.4	1183.2	1149.7	1115.3	1080.2	1031.6
52.5°	1399.8	1382.1	1359.6	1332.0	1304.7	1273.1	1237.0	1201.5	1169.3	1133.4	1093.6
50°	1485.9	1464.4	1438.6	1409.3	1372.8	1333.4	1295.5	1254.0	1220.3	1185.4	1144.9
47.5°	1601.8	1566.2	1528.0	1493.2	1448.3	1400.8	1357.1	1314.4	1274.5	1236.9	1195.5
45°	1775.9	1709.0	1637.0	1588.9	1531.8	1477.6	1421.5	1373.5	1327.7	1285.2	1246.5
42.5°	2025.8	1919.5	1821.1	1725.4	1633.9	1567.4	1497.6	1437.8	1382.6	1332.2	1286.7
40°	2386.9	2203.4	2068.1	1917.0	1794.2	1676.8	1587.7	1506.4	1442.4	1382.6	1327.3
37.5°	2932.1	2628.7	2403.6	2167.9	1996.8	1833.6	1696.1	1590.3	1503.3	1434.0	1369.7
35°	3775.6	3302.4	2880.5	2546.9	2244.1	2029.2	1837.0	1688.8	1577.5	1486.8	1411.8
32.5°	5093.9	4343.0	3577.1	3084.1	2616.6	2265.6	2018.6	1814.4	1656.9	1549.0	1458.8
30°	7144.2	5820.4	4693.6	3774.0	3132.8	2596.5	2220.6	1971.0	1769.4	1611.9	1506.4
27.5°	10120.2	7800.8	6224.4	4791.2	3756.5	3052.0	2513.4	2138.5	1887.9	1700.0	1561.0
25°	13594.1	10817.6	8118.2	6180.0	4656.4	3567.0	2855.3	2373.2	2034.5	1791.7	1609.0
22.5°	17255.5	13999.7	10764.3	7746.2	5772.6	4320.4	3296.6	2609.8	2173.0	1889.5	1678.9
20°	20888.3	17212.2	13526.0	10074.6	7131.7	5057.8	3776.8	2923.8	2366.2	1999.1	1745.0
17.5°	24227.0	20365.0	16326.4	12336.0	8805.6	6179.3	4385.4	3241.3	2534.8	2096.5	1802.4
15°	27388.8	23311.5	19051.3	14735.1	10594.7	7167.0	4904.0	3517.9	2710.1	2209.6	1877.4
12.5°	30252.2	25957.5	21474.9	16797.6	12183.1	8274.0	5595.7	3925.6	2925.5	2327.1	1948.1
10°	32751.6	28166.1	23389.9	18530.6	13718.3	9420.0	6249.6	4273.4	3112.1	2424.4	2006.0
7.5°	34546.7	29904.9	24911.5	19931.4	14967.1	10404.9	6805.6	4548.6	3258.6	2499.0	2050.6
5°	35866.6	31261.1	26179.9	21069.7	15894.2	11141.2	7220.7	4742.2	3363.3	2550.5	2081.5
2.5°	36771.9	32119.1	27028.9	21816.5	16432.1	11573.6	7485.2	4846.3	3412.9	2591.0	2098.5
0°	37029.5	32363.5	27242.8	22208.3	16515.1	11629.5	7591.0	4862.0	3411.2	2611.4	2101.6
-2.5°	36771.9	32119.1	27028.9	21816.5	16432.1	11573.6	7485.2	4846.3	3412.9	2591.0	2098.5
-5°	35866.6	31261.1	26179.9	21069.7	15894.2	11141.2	7220.7	4742.2	3363.3	2550.5	2081.5
-7.5°	34546.7	29904.9	24911.5	19931.4	14967.1	10404.9	6805.6	4548.6	3258.6	2499.0	2050.6
-10°	32751.6	28166.1	23389.9	18530.6	13718.3	9420.0	6249.6	4273.4	3112.1	2424.4	2006.0
-12.5°	30252.2	25957.5	21474.9	16797.6	12183.1	8274.0	5595.7	3925.6	2925.5	2327.1	1948.1
-15°	27388.8	23311.5	19051.3	14735.1	10594.7	7167.0	4904.0	3517.9	2710.1	2209.6	1877.4
-17.5°	24227.0	20365.0	16326.4	12336.0	8805.6	6179.3	4385.4	3241.3	2534.8	2096.5	1802.4
-20°	20888.3	17212.2	13526.0	10074.6	7131.7	5057.8	3776.8	2923.8	2366.2	1999.1	1745.0



REPORT NUMBER: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	17255.5	13999.7	10764.3	7746.2	5772.6	4320.4	3296.6	2609.8	2173.0	1889.5	1678.9
-25°	13594.1	10817.6	8118.2	6180.0	4656.4	3567.0	2855.3	2373.2	2034.5	1791.7	1609.0
-27.5°	10120.2	7800.8	6224.4	4791.2	3756.5	3052.0	2513.4	2138.5	1887.9	1700.0	1561.0
-30°	7144.2	5820.4	4693.6	3774.0	3132.8	2596.5	2220.6	1971.0	1769.4	1611.9	1506.4
-32.5°	5093.9	4343.0	3577.1	3084.1	2616.6	2265.6	2018.6	1814.4	1656.9	1549.0	1458.8
-35°	3775.6	3302.4	2880.5	2546.9	2244.1	2029.2	1837.0	1688.8	1577.5	1486.8	1411.8
-37.5°	2932.1	2628.7	2403.6	2167.9	1996.8	1833.6	1696.1	1590.3	1503.3	1434.0	1369.7
-40°	2386.9	2203.4	2068.1	1917.0	1794.2	1676.8	1587.7	1506.4	1442.4	1382.6	1327.3
-42.5°	2025.8	1919.5	1821.1	1725.4	1633.9	1567.4	1497.6	1437.8	1382.6	1332.2	1286.7
-45°	1775.9	1709.0	1637.0	1588.9	1531.8	1477.6	1421.5	1373.5	1327.7	1285.2	1246.5
-47.5°	1601.8	1566.2	1528.0	1493.2	1448.3	1400.8	1357.1	1314.4	1274.5	1236.9	1195.5
-50°	1485.9	1464.4	1438.6	1409.3	1372.8	1333.4	1295.5	1254.0	1220.3	1185.4	1144.9
-52.5°	1399.8	1382.1	1359.6	1332.0	1304.7	1273.1	1237.0	1201.5	1169.3	1133.4	1093.6
-55°	1327.3	1311.2	1292.0	1271.1	1247.5	1215.4	1183.2	1149.7	1115.3	1080.2	1031.6
-57.5°	1261.3	1246.6	1226.1	1204.9	1183.1	1154.3	1123.1	1091.7	1056.1	1014.0	964.3
-60°	1181.7	1169.3	1147.2	1126.8	1108.7	1086.3	1051.3	1018.3	987.5	937.6	884.1
-62.5°	1079.6	1062.8	1048.6	1032.1	1014.3	992.9	963.5	929.0	891.3	847.9	798.2
-65°	970.2	949.7	936.8	925.5	910.5	891.3	862.0	829.1	791.9	750.5	707.6
-67.5°	865.6	847.2	834.4	822.0	806.4	787.2	759.4	727.0	691.6	654.5	617.6
-70°	760.6	746.0	733.0	719.5	702.3	681.4	654.5	624.5	592.9	561.1	529.9
-72.5°	651.4	640.1	627.0	611.3	592.9	572.6	550.0	525.0	498.7	471.2	444.3
-75°	539.6	528.9	516.2	501.4	485.4	468.1	449.7	429.3	407.9	385.5	362.9
-77.5°	424.3	414.3	403.3	392.2	380.5	368.2	354.5	337.6	320.5	302.7	284.6
-80°	310.5	303.5	296.0	289.4	282.1	274.1	264.7	251.4	237.3	223.5	210.6
-82.5°	209.6	204.4	198.8	194.8	190.4	185.4	179.6	171.0	162.2	153.3	144.4
-85°	118.9	114.2	109.4	108.0	106.3	104.4	102.1	97.6	92.9	87.9	82.7
-87.5°	40.5	38.0	35.5	36.5	37.4	38.1	38.6	37.4	36.1	34.7	33.3
-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: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	31.8	30.3	28.7	27.0	25.3	23.5	21.7	19.9	17.3	14.7	12.4
85°	77.3	71.6	65.8	59.7	53.3	47.1	43.5	39.7	34.5	29.4	24.7
82.5°	135.5	126.8	118.0	108.8	98.3	87.9	77.7	67.8	56.7	45.0	36.9
80°	198.7	186.3	173.5	160.0	144.7	128.5	114.3	100.6	87.1	72.8	57.7
77.5°	267.3	249.2	230.5	213.5	195.7	176.7	156.6	135.6	117.5	100.5	82.6
75°	340.5	318.6	296.1	273.0	249.1	224.9	201.8	177.7	153.4	128.7	107.3
72.5°	418.2	391.1	363.0	334.2	306.4	277.8	248.5	219.3	191.0	162.3	133.2
70°	498.0	464.8	432.1	399.7	365.7	330.5	297.1	262.7	228.3	195.5	162.3
67.5°	579.5	542.1	503.6	465.4	427.6	388.0	346.1	305.8	266.7	228.3	191.0
65°	665.1	621.0	575.7	532.3	489.1	445.8	400.0	349.9	304.3	261.3	219.3
62.5°	749.3	701.1	650.3	598.7	549.5	501.5	452.9	397.1	342.1	293.6	247.1
60°	831.0	777.0	722.3	665.2	609.2	555.5	501.5	443.2	383.1	325.0	274.3
57.5°	905.9	849.2	788.1	728.0	667.6	608.1	548.4	486.5	423.0	359.1	300.7
55°	976.2	914.4	850.7	785.7	722.4	659.0	594.1	528.2	461.3	393.1	326.6
52.5°	1042.1	977.7	910.0	841.0	772.5	707.0	638.6	568.6	497.7	425.9	355.0
50°	1099.8	1039.2	967.6	894.7	820.5	751.3	681.8	607.8	532.9	457.3	382.7
47.5°	1148.3	1092.6	1023.4	946.6	868.6	794.7	722.2	645.6	566.9	487.5	409.3
45°	1195.7	1142.0	1075.1	996.7	916.1	838.1	761.1	682.0	599.6	516.6	434.7
42.5°	1240.1	1186.5	1124.0	1044.8	961.6	879.7	798.9	716.4	630.9	544.3	458.9
40°	1277.9	1225.4	1170.0	1091.0	1004.4	919.0	834.8	749.5	660.8	570.7	481.8
37.5°	1314.7	1260.9	1203.9	1134.5	1044.6	955.9	868.5	781.4	689.7	596.3	503.3
35°	1350.4	1294.7	1234.2	1168.3	1082.0	990.3	900.0	811.0	716.7	620.6	523.4
32.5°	1382.2	1325.0	1262.2	1195.6	1116.4	1022.1	929.2	837.1	741.8	643.7	542.1
30°	1420.2	1350.5	1287.4	1222.5	1145.9	1051.2	956.1	861.5	765.0	665.4	559.8
27.5°	1456.5	1375.0	1310.0	1244.8	1169.0	1077.6	981.0	884.0	786.2	685.2	577.1
25°	1491.6	1403.0	1330.9	1263.6	1191.1	1102.9	1003.9	904.6	804.8	702.5	593.2
22.5°	1531.9	1428.6	1350.4	1279.8	1212.3	1125.7	1024.6	923.2	821.4	718.0	607.9
20°	1567.9	1449.8	1368.5	1295.1	1228.2	1143.0	1043.2	939.8	836.3	731.6	621.2
17.5°	1602.9	1473.8	1386.1	1309.8	1240.1	1158.1	1059.4	954.4	849.2	743.5	633.0
15°	1651.6	1501.3	1401.5	1322.4	1250.2	1171.0	1073.3	966.9	860.3	753.6	643.6
12.5°	1693.3	1524.2	1414.1	1332.6	1258.4	1181.6	1084.9	977.2	869.5	762.5	652.9
10°	1727.2	1542.6	1424.0	1340.6	1264.7	1190.0	1094.0	986.0	878.2	770.3	660.6
7.5°	1752.9	1556.3	1431.1	1346.2	1269.0	1196.1	1102.4	993.8	885.1	776.4	666.6
5°	1770.4	1565.3	1437.0	1349.5	1271.4	1199.8	1108.6	999.3	890.0	780.7	670.9
2.5°	1779.5	1569.3	1441.4	1350.3	1271.9	1201.0	1112.4	1002.7	893.0	783.3	673.5
0°	1780.1	1568.4	1442.9	1348.8	1270.4	1199.8	1113.6	1003.8	894.0	784.2	674.4
-2.5°	1779.5	1569.3	1441.4	1350.3	1271.9	1201.0	1112.4	1002.7	893.0	783.3	673.5
-5°	1770.4	1565.3	1437.0	1349.5	1271.4	1199.8	1108.6	999.3	890.0	780.7	670.9
-7.5°	1752.9	1556.3	1431.1	1346.2	1269.0	1196.1	1102.4	993.8	885.1	776.4	666.6
-10°	1727.2	1542.6	1424.0	1340.6	1264.7	1190.0	1094.0	986.0	878.2	770.3	660.6
-12.5°	1693.3	1524.2	1414.1	1332.6	1258.4	1181.6	1084.9	977.2	869.5	762.5	652.9
-15°	1651.6	1501.3	1401.5	1322.4	1250.2	1171.0	1073.3	966.9	860.3	753.6	643.6
-17.5°	1602.9	1473.8	1386.1	1309.8	1240.1	1158.1	1059.4	954.4	849.2	743.5	633.0
-20°	1567.9	1449.8	1368.5	1295.1	1228.2	1143.0	1043.2	939.8	836.3	731.6	621.2

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

Scaled Data Report



REPORT NUMBER: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	1531.9	1428.6	1350.4	1279.8	1212.3	1125.7	1024.6	923.2	821.4	718.0	607.9
-25°	1491.6	1403.0	1330.9	1263.6	1191.1	1102.9	1003.9	904.6	804.8	702.5	593.2
-27.5°	1456.5	1375.0	1310.0	1244.8	1169.0	1077.6	981.0	884.0	786.2	685.2	577.1
-30°	1420.2	1350.5	1287.4	1222.5	1145.9	1051.2	956.1	861.5	765.0	665.4	559.8
-32.5°	1382.2	1325.0	1262.2	1195.6	1116.4	1022.1	929.2	837.1	741.8	643.7	542.1
-35°	1350.4	1294.7	1234.2	1168.3	1082.0	990.3	900.0	811.0	716.7	620.6	523.4
-37.5°	1314.7	1260.9	1203.9	1134.5	1044.6	955.9	868.5	781.4	689.7	596.3	503.3
-40°	1277.9	1225.4	1170.0	1091.0	1004.4	919.0	834.8	749.5	660.8	570.7	481.8
-42.5°	1240.1	1186.5	1124.0	1044.8	961.6	879.7	798.9	716.4	630.9	544.3	458.9
-45°	1195.7	1142.0	1075.1	996.7	916.1	838.1	761.1	682.0	599.6	516.6	434.7
-47.5°	1148.3	1092.6	1023.4	946.6	868.6	794.7	722.2	645.6	566.9	487.5	409.3
-50°	1099.8	1039.2	967.6	894.7	820.5	751.3	681.8	607.8	532.9	457.3	382.7
-52.5°	1042.1	977.7	910.0	841.0	772.5	707.0	638.6	568.6	497.7	425.9	355.0
-55°	976.2	914.4	850.7	785.7	722.4	659.0	594.1	528.2	461.3	393.1	326.6
-57.5°	905.9	849.2	788.1	728.0	667.6	608.1	548.4	486.5	423.0	359.1	300.7
-60°	831.0	777.0	722.3	665.2	609.2	555.5	501.5	443.2	383.1	325.0	274.3
-62.5°	749.3	701.1	650.3	598.7	549.5	501.5	452.9	397.1	342.1	293.6	247.1
-65°	665.1	621.0	575.7	532.3	489.1	445.8	400.0	349.9	304.3	261.3	219.3
-67.5°	579.5	542.1	503.6	465.4	427.6	388.0	346.1	305.8	266.7	228.3	191.0
-70°	498.0	464.8	432.1	399.7	365.7	330.5	297.1	262.7	228.3	195.5	162.3
-72.5°	418.2	391.1	363.0	334.2	306.4	277.8	248.5	219.3	191.0	162.3	133.2
-75°	340.5	318.6	296.1	273.0	249.1	224.9	201.8	177.7	153.4	128.7	107.3
-77.5°	267.3	249.2	230.5	213.5	195.7	176.7	156.6	135.6	117.5	100.5	82.6
-80°	198.7	186.3	173.5	160.0	144.7	128.5	114.3	100.6	87.1	72.8	57.7
-82.5°	135.5	126.8	118.0	108.8	98.3	87.9	77.7	67.8	56.7	45.0	36.9
-85°	77.3	71.6	65.8	59.7	53.3	47.1	43.5	39.7	34.5	29.4	24.7
-87.5°	31.8	30.3	28.7	27.0	25.3	23.5	21.7	19.9	17.3	14.7	12.4
-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: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
85°	20.3	16.9	13.6	10.2	6.8	3.4	0.0
82.5°	30.4	25.4	20.4	15.3	10.2	5.1	0.0
80°	41.8	33.8	27.1	20.4	13.6	6.8	0.0
77.5°	63.8	45.6	33.8	25.4	16.9	8.5	0.0
75°	85.5	63.8	41.8	30.4	20.3	10.1	0.0
72.5°	107.0	81.7	56.2	35.3	23.5	11.8	0.0
70°	128.7	99.4	70.4	41.2	26.8	13.4	0.0
67.5°	153.2	116.9	84.4	51.7	30.0	15.0	0.0
65°	177.1	135.3	98.2	62.1	33.1	16.6	0.0
62.5°	200.5	154.6	111.7	72.2	36.2	18.1	0.0
60°	223.3	173.4	124.8	82.1	39.2	19.6	0.0
57.5°	246.1	191.6	139.2	91.7	45.5	21.1	0.0
55°	268.5	209.2	153.2	101.1	51.6	22.5	0.0
52.5°	290.4	226.5	166.7	110.2	57.5	23.9	0.0
50°	311.7	244.3	179.7	119.0	63.2	25.2	0.0
47.5°	332.6	261.6	192.2	127.7	68.7	26.5	0.0
45°	354.3	278.3	204.1	136.7	73.9	27.7	0.0
42.5°	375.0	294.4	215.5	145.2	78.9	28.9	0.0
40°	394.6	309.8	227.0	153.0	83.6	30.0	0.0
37.5°	413.0	324.6	238.7	160.4	88.0	31.1	0.0
35°	430.3	338.9	249.8	167.3	92.1	32.1	0.0
32.5°	446.5	352.4	260.3	173.7	95.9	33.1	0.0
30°	461.4	365.0	270.1	179.7	99.4	33.9	0.0
27.5°	475.1	376.6	278.8	185.1	102.7	34.8	0.0
25°	487.6	387.1	286.7	190.2	105.6	35.5	0.0
22.5°	498.7	396.5	293.9	194.7	108.2	36.2	0.0
20°	508.6	404.5	300.2	198.7	110.5	36.8	0.0
17.5°	517.6	411.5	305.8	202.1	112.5	37.4	0.0
15°	525.6	417.4	310.5	205.1	114.2	37.9	0.0
12.5°	532.5	422.4	314.4	207.6	115.5	38.3	0.0
10°	538.3	426.3	317.5	209.5	116.5	38.6	0.0
7.5°	542.9	429.1	319.8	210.8	117.3	38.9	0.0
5°	546.2	430.9	321.2	211.7	117.7	39.1	0.0
2.5°	548.2	431.6	321.8	211.9	117.8	39.2	0.0
0°	548.9	431.3	321.5	211.7	117.6	39.2	0.0
-2.5°	548.2	431.6	321.8	211.9	117.8	39.2	0.0
-5°	546.2	430.9	321.2	211.7	117.7	39.1	0.0
-7.5°	542.9	429.1	319.8	210.8	117.3	38.9	0.0
-10°	538.3	426.3	317.5	209.5	116.5	38.6	0.0
-12.5°	532.5	422.4	314.4	207.6	115.5	38.3	0.0
-15°	525.6	417.4	310.5	205.1	114.2	37.9	0.0
-17.5°	517.6	411.5	305.8	202.1	112.5	37.4	0.0
-20°	508.6	404.5	300.2	198.7	110.5	36.8	0.0

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

Scaled Data Report



REPORT NUMBER: P627967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	498.7	396.5	293.9	194.7	108.2	36.2	0.0
-25°	487.6	387.1	286.7	190.2	105.6	35.5	0.0
-27.5°	475.1	376.6	278.8	185.1	102.7	34.8	0.0
-30°	461.4	365.0	270.1	179.7	99.4	33.9	0.0
-32.5°	446.5	352.4	260.3	173.7	95.9	33.1	0.0
-35°	430.3	338.9	249.8	167.3	92.1	32.1	0.0
-37.5°	413.0	324.6	238.7	160.4	88.0	31.1	0.0
-40°	394.6	309.8	227.0	153.0	83.6	30.0	0.0
-42.5°	375.0	294.4	215.5	145.2	78.9	28.9	0.0
-45°	354.3	278.3	204.1	136.7	73.9	27.7	0.0
-47.5°	332.6	261.6	192.2	127.7	68.7	26.5	0.0
-50°	311.7	244.3	179.7	119.0	63.2	25.2	0.0
-52.5°	290.4	226.5	166.7	110.2	57.5	23.9	0.0
-55°	268.5	209.2	153.2	101.1	51.6	22.5	0.0
-57.5°	246.1	191.6	139.2	91.7	45.5	21.1	0.0
-60°	223.3	173.4	124.8	82.1	39.2	19.6	0.0
-62.5°	200.5	154.6	111.7	72.2	36.2	18.1	0.0
-65°	177.1	135.3	98.2	62.1	33.1	16.6	0.0
-67.5°	153.2	116.9	84.4	51.7	30.0	15.0	0.0
-70°	128.7	99.4	70.4	41.2	26.8	13.4	0.0
-72.5°	107.0	81.7	56.2	35.3	23.5	11.8	0.0
-75°	85.5	63.8	41.8	30.4	20.3	10.1	0.0
-77.5°	63.8	45.6	33.8	25.4	16.9	8.5	0.0
-80°	41.8	33.8	27.1	20.4	13.6	6.8	0.0
-82.5°	30.4	25.4	20.4	15.3	10.2	5.1	0.0
-85°	20.3	16.9	13.6	10.2	6.8	3.4	0.0
-87.5°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)