

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: P627887 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627887 (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-SA6C-740-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N148
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

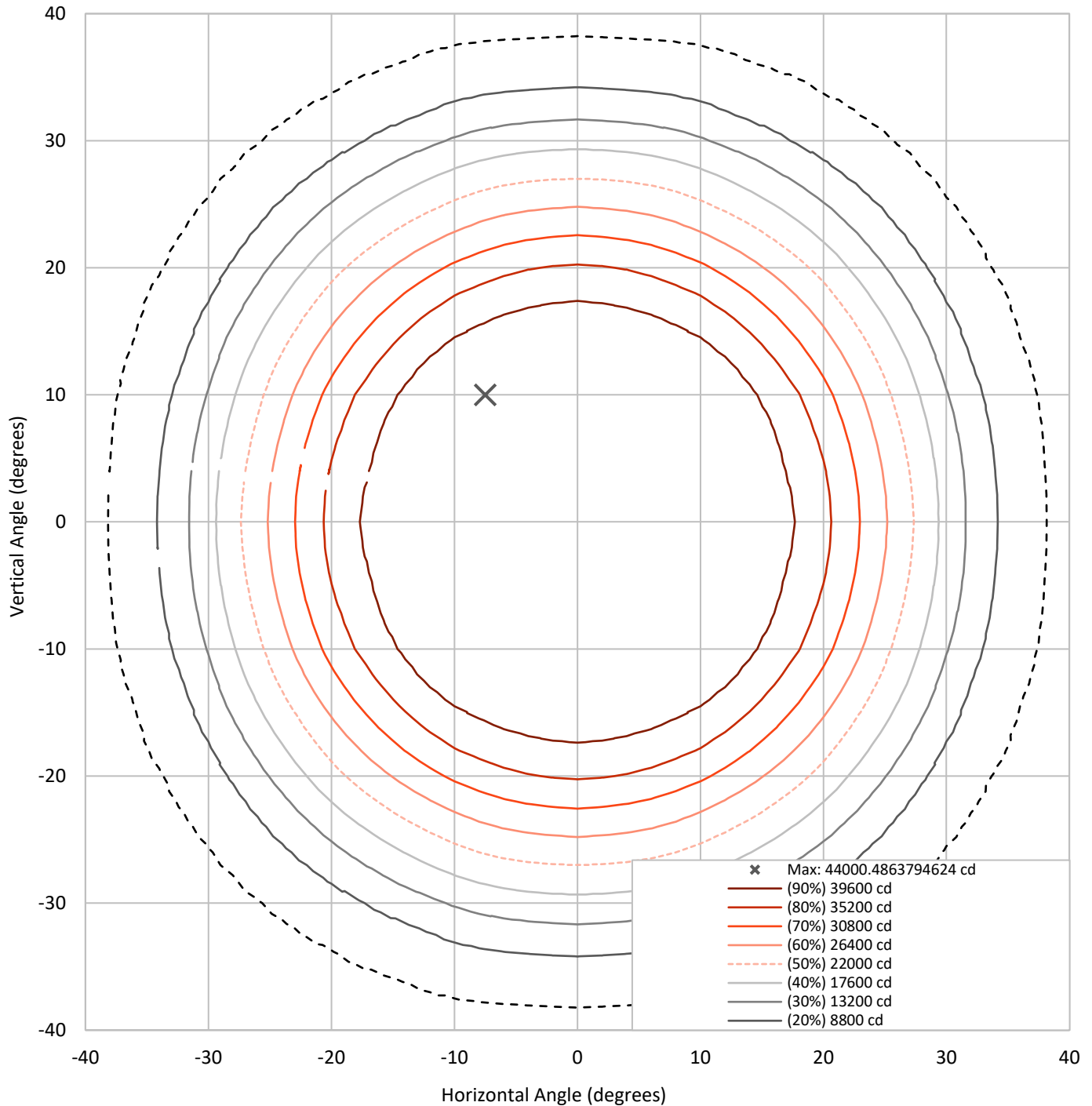
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	37448.6 lumens	Max Intensity:	44000.5 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	151.3 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:	24856.1 lumens	Field Lumens:	32320.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	247.5		
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





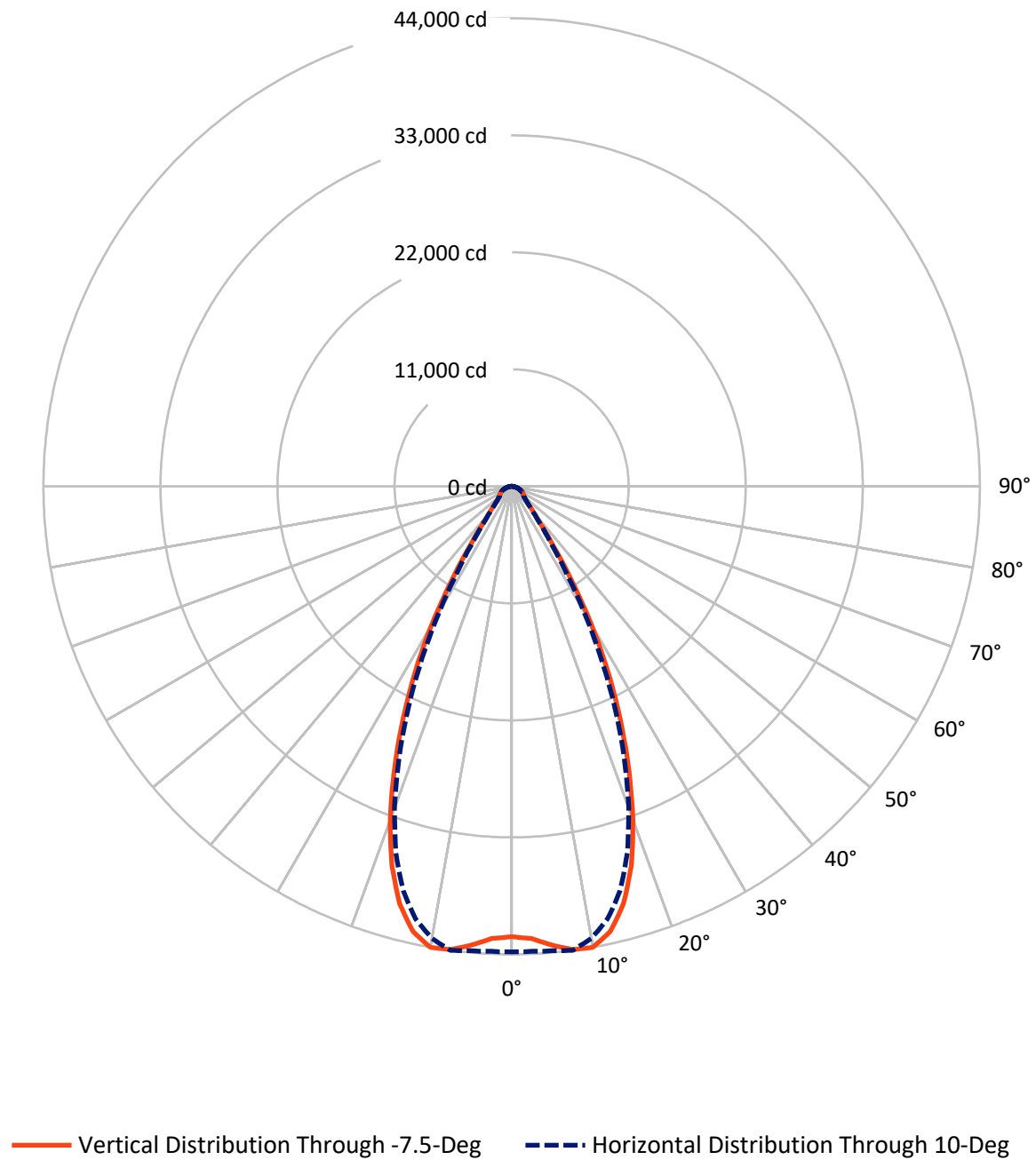
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Lumen Table

90																
80	1.0	8.8		23.5		37.2		41.5		37.2		23.5		8.8		1.0
70																
60	4.0	4.5	9.2	15.0	21.0	25.5	28.8	30.5	30.5	28.8	25.5	21.0	15.0	9.2	4.5	4.0
50		6.7	13.5	21.6	28.9	35.0	39.1	40.8	40.8	39.1	35.0	28.9	21.6	13.5	6.7	
40	7.0	8.7	17.1	26.2	35.1	45.8	57.5	66.0	66.0	57.5	45.8	35.1	26.2	17.1	8.7	7.0
30		10.3	19.9	30.2	46.6	85.1	162.9	241.5	241.5	162.9	85.1	46.6	30.2	19.9	10.3	
20	9.1	11.5	21.7	35.2	76.7	240.4	539.3	753.1	753.1	539.3	240.4	76.7	35.2	21.7	11.5	9.1
10		12.3	22.8	41.8	138.6	512.5	978.7	1224.9	1224.9	978.7	512.5	138.6	41.8	22.8	12.3	
0	9.8	12.7	23.4	47.0	199.6	701.3	1187.3	1291.9	1291.9	1187.3	701.3	199.6	47.0	23.4	12.7	9.8
-10		12.7	23.4	47.0	199.6	701.3	1187.3	1291.9	1291.9	1187.3	701.3	199.6	47.0	23.4	12.7	
-20	9.1	12.3	22.8	41.8	138.6	512.5	978.7	1224.9	1224.9	978.7	512.5	138.6	41.8	22.8	12.3	9.1
-30		11.5	21.7	35.2	76.7	240.4	539.3	753.1	753.1	539.3	240.4	76.7	35.2	21.7	11.5	
-40	7.0	10.3	19.9	30.2	46.6	85.1	162.9	241.5	241.5	162.9	85.1	46.6	30.2	19.9	10.3	7.0
-50		8.7	17.1	26.2	35.1	45.8	57.5	66.0	66.0	57.5	45.8	35.1	26.2	17.1	8.7	
-60	4.0	6.7	13.5	21.6	28.9	35.0	39.1	40.8	40.8	39.1	35.0	28.9	21.6	13.5	6.7	4.0
-70		4.5	9.2	15.0	21.0	25.5	28.8	30.5	30.5	28.8	25.5	21.0	15.0	9.2	4.5	
-80																
-90	1.0	8.8		23.5		37.2		41.5		37.2		23.5		8.8		1.0
Horizontal Angle (degrees)																

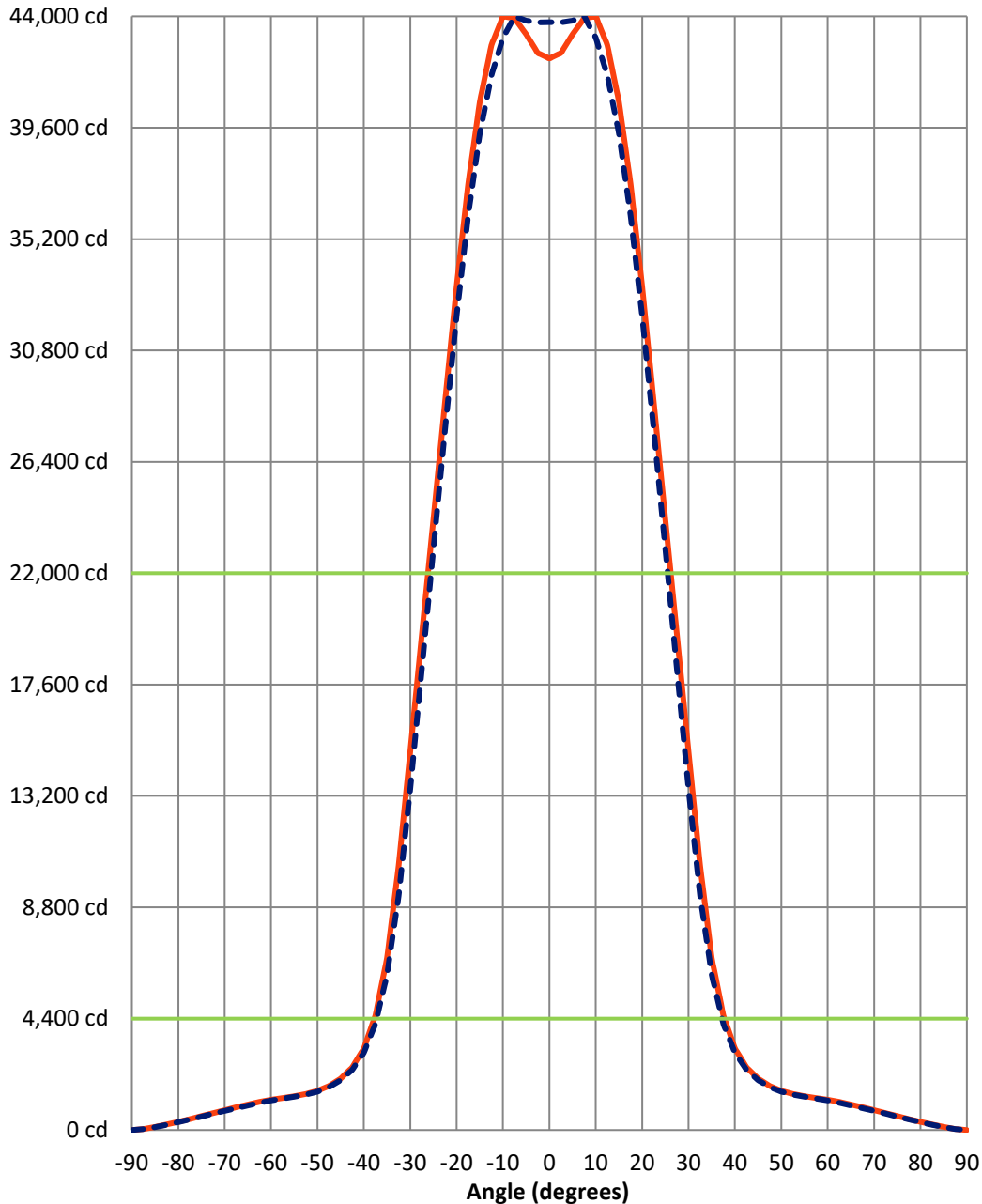
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 24856.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 32320.1
 Efficiency: 86.3%

Spill:
 Lumens: 5128.5
 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	5.0	6.7	8.3	10.0	12.1	14.5	16.9	19.5
85°	0.0	3.4	6.7	10.0	13.4	16.6	19.9	24.3	28.9	33.8	39.0
82.5°	0.0	5.0	10.0	15.0	20.0	24.9	29.8	36.3	44.1	55.6	66.5
80°	0.0	6.7	13.4	20.0	26.6	33.2	41.1	56.6	71.5	85.5	98.7
77.5°	0.0	8.3	16.6	24.9	33.2	44.8	62.6	81.1	98.7	115.3	133.1
75°	0.0	10.0	19.9	29.8	41.1	62.6	83.9	105.4	126.3	150.6	174.4
72.5°	0.0	11.6	23.1	34.6	55.2	80.2	105.0	130.7	159.4	187.6	215.3
70°	0.0	13.2	26.3	40.5	69.2	97.6	126.3	159.4	192.0	224.2	257.9
67.5°	0.0	14.7	29.4	50.8	82.9	114.8	150.4	187.6	224.2	261.9	300.3
65°	0.0	16.3	32.5	60.9	96.4	132.9	173.9	215.3	256.6	298.8	343.5
62.5°	0.0	17.8	35.5	70.9	109.6	151.8	196.9	242.7	288.2	335.9	389.9
60°	0.0	19.2	38.5	80.6	122.6	170.2	219.3	269.3	319.1	376.2	435.1
57.5°	0.0	20.7	44.6	90.1	136.6	188.1	241.7	295.3	352.6	415.3	477.7
55°	0.0	22.1	50.7	99.3	150.4	205.4	263.7	320.7	386.0	453.0	518.6
52.5°	0.0	23.4	56.5	108.2	163.7	222.4	285.1	348.6	418.1	488.7	558.3
50°	0.0	24.7	62.1	116.9	176.4	239.9	306.0	375.8	449.0	523.3	596.8
47.5°	0.0	26.0	67.5	125.4	188.7	256.9	326.6	401.9	478.7	556.7	634.0
45°	0.0	27.2	72.6	134.2	200.4	273.2	347.9	426.9	507.3	588.8	669.7
42.5°	0.0	28.4	77.4	142.5	211.6	289.0	368.2	450.6	534.5	619.5	703.5
40°	0.0	29.5	82.0	150.2	222.9	304.2	387.4	473.1	560.4	648.9	736.0
37.5°	0.0	30.5	86.4	157.4	234.4	318.6	405.6	494.2	585.5	677.2	767.2
35°	0.0	31.5	90.4	164.2	245.3	332.7	422.6	514.0	609.4	703.8	796.3
32.5°	0.0	32.5	94.2	170.5	255.5	346.0	438.4	532.4	632.1	728.4	822.0
30°	0.0	33.3	97.6	176.4	265.2	358.4	453.1	549.7	653.4	751.2	845.9
27.5°	0.0	34.1	100.8	181.8	273.7	369.8	466.6	566.7	672.8	771.9	867.9
25°	0.0	34.9	103.7	186.7	281.5	380.1	478.8	582.5	689.8	790.2	888.2
22.5°	0.0	35.6	106.3	191.1	288.5	389.4	489.8	596.9	705.0	806.6	906.5
20°	0.0	36.2	108.5	195.1	294.8	397.2	499.5	609.9	718.4	821.1	922.9
17.5°	0.0	36.7	110.5	198.5	300.2	404.1	508.2	621.5	730.1	833.9	937.2
15°	0.0	37.2	112.1	201.4	304.9	409.9	516.1	631.9	739.9	844.8	949.4
12.5°	0.0	37.6	113.4	203.8	308.7	414.8	522.9	641.1	748.7	853.8	959.6
10°	0.0	37.9	114.5	205.7	311.8	418.6	528.6	648.7	756.4	862.3	968.2
7.5°	0.0	38.2	115.2	207.0	314.0	421.4	533.1	654.6	762.3	869.1	975.8
5°	0.0	38.4	115.6	207.9	315.4	423.1	536.3	658.8	766.6	873.9	981.3
2.5°	0.0	38.5	115.7	208.1	316.0	423.8	538.3	661.4	769.1	876.8	984.6
0°	0.0	38.5	115.5	207.9	315.7	423.5	539.0	662.2	770.0	877.8	985.7
-2.5°	0.0	38.5	115.7	208.1	316.0	423.8	538.3	661.4	769.1	876.8	984.6
-5°	0.0	38.4	115.6	207.9	315.4	423.1	536.3	658.8	766.6	873.9	981.3
-7.5°	0.0	38.2	115.2	207.0	314.0	421.4	533.1	654.6	762.3	869.1	975.8
-10°	0.0	37.9	114.5	205.7	311.8	418.6	528.6	648.7	756.4	862.3	968.2
-12.5°	0.0	37.6	113.4	203.8	308.7	414.8	522.9	641.1	748.7	853.8	959.6
-15°	0.0	37.2	112.1	201.4	304.9	409.9	516.1	631.9	739.9	844.8	949.4
-17.5°	0.0	36.7	110.5	198.5	300.2	404.1	508.2	621.5	730.1	833.9	937.2
-20°	0.0	36.2	108.5	195.1	294.8	397.2	499.5	609.9	718.4	821.1	922.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6C-740-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	35.6	106.3	191.1	288.5	389.4	489.8	596.9	705.0	806.6	906.5
-25°	0.0	34.9	103.7	186.7	281.5	380.1	478.8	582.5	689.8	790.2	888.2
-27.5°	0.0	34.1	100.8	181.8	273.7	369.8	466.6	566.7	672.8	771.9	867.9
-30°	0.0	33.3	97.6	176.4	265.2	358.4	453.1	549.7	653.4	751.2	845.9
-32.5°	0.0	32.5	94.2	170.5	255.5	346.0	438.4	532.4	632.1	728.4	822.0
-35°	0.0	31.5	90.4	164.2	245.3	332.7	422.6	514.0	609.4	703.8	796.3
-37.5°	0.0	30.5	86.4	157.4	234.4	318.6	405.6	494.2	585.5	677.2	767.2
-40°	0.0	29.5	82.0	150.2	222.9	304.2	387.4	473.1	560.4	648.9	736.0
-42.5°	0.0	28.4	77.4	142.5	211.6	289.0	368.2	450.6	534.5	619.5	703.5
-45°	0.0	27.2	72.6	134.2	200.4	273.2	347.9	426.9	507.3	588.8	669.7
-47.5°	0.0	26.0	67.5	125.4	188.7	256.9	326.6	401.9	478.7	556.7	634.0
-50°	0.0	24.7	62.1	116.9	176.4	239.9	306.0	375.8	449.0	523.3	596.8
-52.5°	0.0	23.4	56.5	108.2	163.7	222.4	285.1	348.6	418.1	488.7	558.3
-55°	0.0	22.1	50.7	99.3	150.4	205.4	263.7	320.7	386.0	453.0	518.6
-57.5°	0.0	20.7	44.6	90.1	136.6	188.1	241.7	295.3	352.6	415.3	477.7
-60°	0.0	19.2	38.5	80.6	122.6	170.2	219.3	269.3	319.1	376.2	435.1
-62.5°	0.0	17.8	35.5	70.9	109.6	151.8	196.9	242.7	288.2	335.9	389.9
-65°	0.0	16.3	32.5	60.9	96.4	132.9	173.9	215.3	256.6	298.8	343.5
-67.5°	0.0	14.7	29.4	50.8	82.9	114.8	150.4	187.6	224.2	261.9	300.3
-70°	0.0	13.2	26.3	40.5	69.2	97.6	126.3	159.4	192.0	224.2	257.9
-72.5°	0.0	11.6	23.1	34.6	55.2	80.2	105.0	130.7	159.4	187.6	215.3
-75°	0.0	10.0	19.9	29.8	41.1	62.6	83.9	105.4	126.3	150.6	174.4
-77.5°	0.0	8.3	16.6	24.9	33.2	44.8	62.6	81.1	98.7	115.3	133.1
-80°	0.0	6.7	13.4	20.0	26.6	33.2	41.1	56.6	71.5	85.5	98.7
-82.5°	0.0	5.0	10.0	15.0	20.0	24.9	29.8	36.3	44.1	55.6	66.5
-85°	0.0	3.4	6.7	10.0	13.4	16.6	19.9	24.3	28.9	33.8	39.0
-87.5°	0.0	1.7	3.4	5.0	6.7	8.3	10.0	12.1	14.5	16.9	19.5
-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°	21.3	23.1	24.8	26.5	28.1	29.7	31.2	32.7	34.1	35.4	36.6
85°	42.6	46.2	52.3	58.6	64.5	70.3	75.9	81.2	86.3	91.2	95.8
82.5°	76.3	86.3	96.5	106.8	115.9	124.6	133.1	141.8	150.6	159.3	167.9
80°	112.2	126.1	142.1	157.1	170.4	183.0	195.1	206.8	219.5	233.0	246.8
77.5°	153.7	173.5	192.1	209.6	226.4	244.7	262.5	279.5	297.2	314.8	331.5
75°	198.2	220.8	244.6	268.0	290.8	312.8	334.3	356.3	378.5	400.5	421.6
72.5°	244.1	272.8	300.8	328.2	356.4	384.0	410.6	436.3	462.7	489.7	515.5
70°	291.7	324.5	359.1	392.4	424.3	456.5	489.0	520.3	550.9	582.2	613.2
67.5°	339.8	380.9	419.9	457.0	494.5	532.3	569.0	606.4	642.7	679.1	713.9
65°	392.8	437.7	480.3	522.7	565.3	609.7	653.0	694.8	736.9	777.5	814.1
62.5°	444.6	492.4	539.6	587.8	638.6	688.4	735.8	783.7	832.6	875.2	912.3
60°	492.4	545.4	598.2	653.2	709.2	762.9	816.0	868.1	920.7	969.7	999.9
57.5°	538.5	597.1	655.6	714.8	773.9	833.8	889.5	946.9	995.7	1037.0	1072.1
55°	583.4	647.1	709.3	771.5	835.3	897.9	958.6	1013.0	1060.8	1095.2	1129.0
52.5°	627.1	694.3	758.5	825.8	893.5	960.0	1023.4	1073.9	1113.0	1148.2	1179.8
50°	669.5	737.8	805.7	878.5	950.1	1020.5	1080.0	1124.3	1164.0	1198.3	1231.4
47.5°	709.2	780.4	852.9	929.5	1005.0	1072.9	1127.7	1173.9	1214.6	1251.6	1290.7
45°	747.3	822.9	899.6	978.7	1055.7	1121.4	1174.2	1224.0	1262.0	1303.8	1348.7
42.5°	784.4	863.8	944.2	1025.9	1103.7	1165.1	1217.8	1263.5	1308.2	1357.6	1411.9
40°	819.7	902.4	986.3	1071.4	1149.0	1203.3	1254.9	1303.4	1357.6	1416.4	1479.3
37.5°	852.8	938.7	1025.8	1114.1	1182.2	1238.2	1291.1	1345.1	1408.2	1476.3	1561.6
35°	883.7	972.5	1062.5	1147.3	1212.0	1271.4	1326.1	1386.3	1460.0	1549.1	1658.3
32.5°	912.3	1003.7	1096.4	1174.1	1239.5	1301.2	1357.3	1432.5	1521.1	1627.0	1781.7
30°	938.8	1032.3	1125.3	1200.5	1264.2	1326.2	1394.6	1479.2	1582.8	1737.5	1935.5
27.5°	963.3	1058.2	1148.0	1222.4	1286.4	1350.2	1430.2	1532.8	1669.3	1853.8	2100.0
25°	985.8	1083.0	1169.7	1240.8	1306.9	1377.7	1464.7	1580.0	1759.4	1997.8	2330.3
22.5°	1006.2	1105.4	1190.5	1256.7	1326.1	1402.9	1504.3	1648.6	1855.4	2133.7	2562.7
20°	1024.4	1122.4	1206.1	1271.8	1343.9	1423.6	1539.6	1713.6	1963.0	2323.5	2871.1
17.5°	1040.3	1137.2	1217.8	1286.2	1361.2	1447.2	1574.0	1769.9	2058.7	2489.0	3182.8
15°	1054.0	1149.9	1227.7	1298.6	1376.2	1474.2	1621.8	1843.5	2169.7	2661.2	3454.5
12.5°	1065.3	1160.3	1235.7	1308.6	1388.7	1496.8	1662.8	1913.0	2285.0	2872.8	3854.8
10°	1074.3	1168.5	1241.9	1316.5	1398.4	1514.8	1696.0	1969.8	2380.6	3056.0	4196.3
7.5°	1082.5	1174.5	1246.2	1322.0	1405.3	1528.3	1721.3	2013.5	2453.8	3199.8	4466.6
5°	1088.6	1178.2	1248.5	1325.2	1411.1	1537.1	1738.4	2043.9	2504.4	3302.7	4656.7
2.5°	1092.3	1179.3	1249.0	1326.0	1415.4	1541.0	1747.4	2060.7	2544.2	3351.4	4758.9
0°	1093.5	1178.2	1247.5	1324.5	1416.9	1540.1	1748.0	2063.7	2564.2	3349.7	4774.3
-2.5°	1092.3	1179.3	1249.0	1326.0	1415.4	1541.0	1747.4	2060.7	2544.2	3351.4	4758.9
-5°	1088.6	1178.2	1248.5	1325.2	1411.1	1537.1	1738.4	2043.9	2504.4	3302.7	4656.7
-7.5°	1082.5	1174.5	1246.2	1322.0	1405.3	1528.3	1721.3	2013.5	2453.8	3199.8	4466.6
-10°	1074.3	1168.5	1241.9	1316.5	1398.4	1514.8	1696.0	1969.8	2380.6	3056.0	4196.3
-12.5°	1065.3	1160.3	1235.7	1308.6	1388.7	1496.8	1662.8	1913.0	2285.0	2872.8	3854.8
-15°	1054.0	1149.9	1227.7	1298.6	1376.2	1474.2	1621.8	1843.5	2169.7	2661.2	3454.5
-17.5°	1040.3	1137.2	1217.8	1286.2	1361.2	1447.2	1574.0	1769.9	2058.7	2489.0	3182.8
-20°	1024.4	1122.4	1206.1	1271.8	1343.9	1423.6	1539.6	1713.6	1963.0	2323.5	2871.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627887 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	1006.2	1105.4	1190.5	1256.7	1326.1	1402.9	1504.3	1648.6	1855.4	2133.7	2562.7
-25°	985.8	1083.0	1169.7	1240.8	1306.9	1377.7	1464.7	1580.0	1759.4	1997.8	2330.3
-27.5°	963.3	1058.2	1148.0	1222.4	1286.4	1350.2	1430.2	1532.8	1669.3	1853.8	2100.0
-30°	938.8	1032.3	1125.3	1200.5	1264.2	1326.2	1394.6	1479.2	1582.8	1737.5	1935.5
-32.5°	912.3	1003.7	1096.4	1174.1	1239.5	1301.2	1357.3	1432.5	1521.1	1627.0	1781.7
-35°	883.7	972.5	1062.5	1147.3	1212.0	1271.4	1326.1	1386.3	1460.0	1549.1	1658.3
-37.5°	852.8	938.7	1025.8	1114.1	1182.2	1238.2	1291.1	1345.1	1408.2	1476.3	1561.6
-40°	819.7	902.4	986.3	1071.4	1149.0	1203.3	1254.9	1303.4	1357.6	1416.4	1479.3
-42.5°	784.4	863.8	944.2	1025.9	1103.7	1165.1	1217.8	1263.5	1308.2	1357.6	1411.9
-45°	747.3	822.9	899.6	978.7	1055.7	1121.4	1174.2	1224.0	1262.0	1303.8	1348.7
-47.5°	709.2	780.4	852.9	929.5	1005.0	1072.9	1127.7	1173.9	1214.6	1251.6	1290.7
-50°	669.5	737.8	805.7	878.5	950.1	1020.5	1080.0	1124.3	1164.0	1198.3	1231.4
-52.5°	627.1	694.3	758.5	825.8	893.5	960.0	1023.4	1073.9	1113.0	1148.2	1179.8
-55°	583.4	647.1	709.3	771.5	835.3	897.9	958.6	1013.0	1060.8	1095.2	1129.0
-57.5°	538.5	597.1	655.6	714.8	773.9	833.8	889.5	946.9	995.7	1037.0	1072.1
-60°	492.4	545.4	598.2	653.2	709.2	762.9	816.0	868.1	920.7	969.7	999.9
-62.5°	444.6	492.4	539.6	587.8	638.6	688.4	735.8	783.7	832.6	875.2	912.3
-65°	392.8	437.7	480.3	522.7	565.3	609.7	653.0	694.8	736.9	777.5	814.1
-67.5°	339.8	380.9	419.9	457.0	494.5	532.3	569.0	606.4	642.7	679.1	713.9
-70°	291.7	324.5	359.1	392.4	424.3	456.5	489.0	520.3	550.9	582.2	613.2
-72.5°	244.1	272.8	300.8	328.2	356.4	384.0	410.6	436.3	462.7	489.7	515.5
-75°	198.2	220.8	244.6	268.0	290.8	312.8	334.3	356.3	378.5	400.5	421.6
-77.5°	153.7	173.5	192.1	209.6	226.4	244.7	262.5	279.5	297.2	314.8	331.5
-80°	112.2	126.1	142.1	157.1	170.4	183.0	195.1	206.8	219.5	233.0	246.8
-82.5°	76.3	86.3	96.5	106.8	115.9	124.6	133.1	141.8	150.6	159.3	167.9
-85°	42.6	46.2	52.3	58.6	64.5	70.3	75.9	81.2	86.3	91.2	95.8
-87.5°	21.3	23.1	24.8	26.5	28.1	29.7	31.2	32.7	34.1	35.4	36.6
-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: P627887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	37.8	37.4	36.7	35.9	34.9	37.3	39.8	42.2	44.6	43.2	41.7
85°	100.2	102.5	104.4	106.0	107.4	112.1	116.8	121.1	125.1	125.0	124.5
82.5°	176.4	182.0	186.9	191.3	195.2	200.7	205.8	210.1	213.8	216.6	218.9
80°	259.9	269.1	277.0	284.2	290.6	298.0	304.9	311.0	316.3	319.2	321.0
77.5°	348.1	361.6	373.6	385.1	396.0	406.7	416.6	425.4	433.0	434.8	434.4
75°	441.6	459.6	476.6	492.3	506.8	519.3	529.9	538.7	546.0	549.6	551.5
72.5°	540.0	562.3	582.2	600.3	615.7	628.5	639.6	649.3	657.4	662.6	665.7
70°	642.7	669.0	689.5	706.5	719.7	732.4	746.8	760.4	773.3	780.5	783.2
67.5°	745.6	772.9	791.8	807.2	819.3	831.8	849.9	866.2	880.6	890.4	896.6
65°	846.4	875.2	894.1	908.8	919.9	932.5	952.7	968.9	981.2	990.9	999.8
62.5°	946.1	975.1	996.0	1013.6	1029.8	1043.7	1060.2	1073.8	1084.3	1093.9	1104.8
60°	1032.4	1066.7	1088.7	1106.5	1126.6	1148.2	1160.4	1170.6	1179.4	1187.2	1193.9
57.5°	1102.9	1133.5	1161.8	1183.2	1204.0	1224.1	1238.5	1248.1	1255.8	1261.6	1263.8
55°	1161.9	1193.5	1225.1	1248.2	1268.7	1287.5	1303.3	1315.8	1326.0	1334.1	1336.0
52.5°	1214.7	1250.2	1281.2	1307.9	1335.1	1357.2	1374.6	1391.5	1406.2	1418.1	1423.2
50°	1272.2	1309.4	1348.0	1383.9	1412.7	1438.0	1459.1	1483.0	1508.1	1528.9	1542.0
47.5°	1332.7	1375.5	1422.2	1466.3	1500.5	1538.0	1572.9	1608.4	1655.1	1694.4	1723.5
45°	1395.9	1450.9	1504.2	1560.2	1607.5	1678.2	1743.9	1800.3	1875.2	1943.2	1997.2
42.5°	1470.5	1539.1	1604.5	1694.3	1788.3	1884.9	1989.3	2078.3	2195.5	2314.8	2411.1
40°	1559.0	1646.6	1761.8	1882.4	2030.8	2163.6	2343.8	2504.4	2684.2	2911.5	3099.4
37.5°	1665.5	1800.5	1960.8	2128.8	2360.2	2581.2	2879.1	3193.1	3477.9	3915.2	4283.1
35°	1803.9	1992.5	2203.6	2500.9	2828.4	3242.7	3707.5	4313.8	4833.8	5571.4	6276.3
32.5°	1982.1	2224.7	2569.3	3028.4	3512.5	4264.6	5002.0	6054.9	7029.8	8198.9	9460.6
30°	2180.5	2549.6	3076.2	3705.9	4608.9	5715.4	7015.3	8632.3	10402.0	12045.2	13664.4
27.5°	2468.0	2996.9	3688.7	4704.8	6112.1	7660.0	9937.6	12132.7	14422.9	16458.7	18156.5
25°	2803.7	3502.7	4572.4	6068.5	7971.7	10622.4	13348.8	16058.0	18521.0	20652.2	22528.2
22.5°	3237.1	4242.4	5668.5	7606.4	10570.0	13747.1	16944.2	19932.4	22559.6	24932.9	26963.7
20°	3708.7	4966.6	7003.0	9892.8	13282.0	16901.6	20511.4	23694.5	26587.4	29278.3	31567.0
17.5°	4306.3	6067.8	8646.7	12113.4	16031.8	19997.5	23789.9	27244.2	30526.2	33373.7	35765.0
15°	4815.5	7037.7	10403.5	14469.3	18707.5	22890.8	26894.6	30646.7	34058.9	36980.5	39228.6
12.5°	5494.8	8124.7	11963.2	16494.5	21087.3	25489.1	29706.3	33584.4	37056.8	39946.3	41696.4
10°	6136.9	9250.0	13470.8	18196.3	22967.8	27657.8	32160.6	36137.9	39361.9	41660.5	43151.9
7.5°	6682.8	10217.2	14697.1	19571.8	24461.9	29365.3	33923.3	37793.1	40765.8	42685.4	43723.6
5°	7090.4	10940.2	15607.4	20689.5	25707.5	30697.0	35219.4	38852.2	41421.5	42847.5	43368.8
2.5°	7350.2	11364.8	16135.7	21422.8	26541.1	31539.6	36108.4	39684.3	41864.1	42809.4	42899.2
0°	7454.0	11419.7	16217.1	21807.6	26751.2	31779.6	36361.3	40026.7	42028.8	42806.6	42791.2
-2.5°	7350.2	11364.8	16135.7	21422.8	26541.1	31539.6	36108.4	39684.3	41864.1	42809.4	42899.2
-5°	7090.4	10940.2	15607.4	20689.5	25707.5	30697.0	35219.4	38852.2	41421.5	42847.5	43368.8
-7.5°	6682.8	10217.2	14697.1	19571.8	24461.9	29365.3	33923.3	37793.1	40765.8	42685.4	43723.6
-10°	6136.9	9250.0	13470.8	18196.3	22967.8	27657.8	32160.6	36137.9	39361.9	41660.5	43151.9
-12.5°	5494.8	8124.7	11963.2	16494.5	21087.3	25489.1	29706.3	33584.4	37056.8	39946.3	41696.4
-15°	4815.5	7037.7	10403.5	14469.3	18707.5	22890.8	26894.6	30646.7	34058.9	36980.5	39228.6
-17.5°	4306.3	6067.8	8646.7	12113.4	16031.8	19997.5	23789.9	27244.2	30526.2	33373.7	35765.0
-20°	3708.7	4966.6	7003.0	9892.8	13282.0	16901.6	20511.4	23694.5	26587.4	29278.3	31567.0



REPORT NUMBER: P627887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3237.1	4242.4	5668.5	7606.4	10570.0	13747.1	16944.2	19932.4	22559.6	24932.9	26963.7
-25°	2803.7	3502.7	4572.4	6068.5	7971.7	10622.4	13348.8	16058.0	18521.0	20652.2	22528.2
-27.5°	2468.0	2996.9	3688.7	4704.8	6112.1	7660.0	9937.6	12132.7	14422.9	16458.7	18156.5
-30°	2180.5	2549.6	3076.2	3705.9	4608.9	5715.4	7015.3	8632.3	10402.0	12045.2	13664.4
-32.5°	1982.1	2224.7	2569.3	3028.4	3512.5	4264.6	5002.0	6054.9	7029.8	8198.9	9460.6
-35°	1803.9	1992.5	2203.6	2500.9	2828.4	3242.7	3707.5	4313.8	4833.8	5571.4	6276.3
-37.5°	1665.5	1800.5	1960.8	2128.8	2360.2	2581.2	2879.1	3193.1	3477.9	3915.2	4283.1
-40°	1559.0	1646.6	1761.8	1882.4	2030.8	2163.6	2343.8	2504.4	2684.2	2911.5	3099.4
-42.5°	1470.5	1539.1	1604.5	1694.3	1788.3	1884.9	1989.3	2078.3	2195.5	2314.8	2411.1
-45°	1395.9	1450.9	1504.2	1560.2	1607.5	1678.2	1743.9	1800.3	1875.2	1943.2	1997.2
-47.5°	1332.7	1375.5	1422.2	1466.3	1500.5	1538.0	1572.9	1608.4	1655.1	1694.4	1723.5
-50°	1272.2	1309.4	1348.0	1383.9	1412.7	1438.0	1459.1	1483.0	1508.1	1528.9	1542.0
-52.5°	1214.7	1250.2	1281.2	1307.9	1335.1	1357.2	1374.6	1391.5	1406.2	1418.1	1423.2
-55°	1161.9	1193.5	1225.1	1248.2	1268.7	1287.5	1303.3	1315.8	1326.0	1334.1	1336.0
-57.5°	1102.9	1133.5	1161.8	1183.2	1204.0	1224.1	1238.5	1248.1	1255.8	1261.6	1263.8
-60°	1032.4	1066.7	1088.7	1106.5	1126.6	1148.2	1160.4	1170.6	1179.4	1187.2	1193.9
-62.5°	946.1	975.1	996.0	1013.6	1029.8	1043.7	1060.2	1073.8	1084.3	1093.9	1104.8
-65°	846.4	875.2	894.1	908.8	919.9	932.5	952.7	968.9	981.2	990.9	999.8
-67.5°	745.6	772.9	791.8	807.2	819.3	831.8	849.9	866.2	880.6	890.4	896.6
-70°	642.7	669.0	689.5	706.5	719.7	732.4	746.8	760.4	773.3	780.5	783.2
-72.5°	540.0	562.3	582.2	600.3	615.7	628.5	639.6	649.3	657.4	662.6	665.7
-75°	441.6	459.6	476.6	492.3	506.8	519.3	529.9	538.7	546.0	549.6	551.5
-77.5°	348.1	361.6	373.6	385.1	396.0	406.7	416.6	425.4	433.0	434.8	434.4
-80°	259.9	269.1	277.0	284.2	290.6	298.0	304.9	311.0	316.3	319.2	321.0
-82.5°	176.4	182.0	186.9	191.3	195.2	200.7	205.8	210.1	213.8	216.6	218.9
-85°	100.2	102.5	104.4	106.0	107.4	112.1	116.8	121.1	125.1	125.0	124.5
-87.5°	37.8	37.4	36.7	35.9	34.9	37.3	39.8	42.2	44.6	43.2	41.7
-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: P627887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	40.1	38.4	38.5	38.5	38.5	38.4	40.1	41.7	43.2	44.6	42.2
85°	123.7	122.6	119.2	115.5	119.2	122.6	123.7	124.5	125.0	125.1	121.1
82.5°	220.8	222.2	219.2	215.6	219.2	222.2	220.8	218.9	216.6	213.8	210.1
80°	321.9	321.9	319.2	315.7	319.2	321.9	321.9	321.0	319.2	316.3	311.0
77.5°	432.5	429.4	430.7	431.2	430.7	429.4	432.5	434.4	434.8	433.0	425.4
75°	552.3	551.8	550.0	546.7	550.0	551.8	552.3	551.5	549.6	546.0	538.7
72.5°	667.2	667.1	665.4	662.2	665.4	667.1	667.2	665.7	662.6	657.4	649.3
70°	783.9	782.5	784.5	785.4	784.5	782.5	783.9	783.2	780.5	773.3	760.4
67.5°	901.4	904.5	904.0	900.9	904.0	904.5	901.4	896.6	890.4	880.6	866.2
65°	1006.9	1012.1	1015.4	1016.5	1015.4	1012.1	1006.9	999.8	990.9	981.2	968.9
62.5°	1113.3	1119.4	1119.8	1116.6	1119.8	1119.4	1113.3	1104.8	1093.9	1084.3	1073.8
60°	1197.6	1198.5	1197.1	1193.6	1197.1	1198.5	1197.6	1193.9	1187.2	1179.4	1170.6
57.5°	1263.8	1261.6	1258.9	1255.2	1258.9	1261.6	1263.8	1263.8	1261.6	1255.8	1248.1
55°	1335.0	1331.3	1328.1	1324.5	1328.1	1331.3	1335.0	1336.0	1334.1	1326.0	1315.8
52.5°	1424.4	1422.4	1420.2	1416.9	1420.2	1422.4	1424.4	1423.2	1418.1	1406.2	1391.5
50°	1548.7	1550.6	1550.4	1547.8	1550.4	1550.6	1548.7	1542.0	1528.9	1508.1	1483.0
47.5°	1742.0	1752.3	1759.2	1763.4	1759.2	1752.3	1742.0	1723.5	1694.4	1655.1	1608.4
45°	2031.8	2052.4	2066.9	2079.1	2066.9	2052.4	2031.8	1997.2	1943.2	1875.2	1800.3
42.5°	2478.8	2524.9	2546.6	2541.1	2546.6	2524.9	2478.8	2411.1	2314.8	2195.5	2078.3
40°	3224.5	3298.8	3340.0	3372.8	3340.0	3298.8	3224.5	3099.4	2911.5	2684.2	2504.4
37.5°	4534.3	4678.5	4754.5	4820.5	4754.5	4678.5	4534.3	4283.1	3915.2	3477.9	3193.1
35°	6803.0	7127.4	7301.2	7361.6	7301.2	7127.4	6803.0	6276.3	5571.4	4833.8	4313.8
32.5°	10442.4	11040.9	11371.9	11627.6	11371.9	11040.9	10442.4	9460.6	8198.9	7029.8	6054.9
30°	14946.5	15734.9	16172.7	16386.5	16172.7	15734.9	14946.5	13664.4	12045.2	10402.0	8632.3
27.5°	19563.8	20460.1	20932.1	20906.6	20932.1	20460.1	19563.8	18156.5	16458.7	14422.9	12132.7
25°	24136.5	25174.6	25644.9	26065.9	25644.9	25174.6	24136.5	22528.2	20652.2	18521.0	16058.0
22.5°	28761.2	29975.0	30637.3	30947.9	30637.3	29975.0	28761.2	26963.7	24932.9	22559.6	19932.4
20°	33330.9	34682.1	35385.3	35691.4	35385.3	34682.1	33330.9	31567.0	29278.3	26587.4	23694.5
17.5°	37383.8	38702.8	39373.0	39657.1	39373.0	38702.8	37383.8	35765.0	33373.7	30526.2	27244.2
15°	40619.9	41592.9	42162.8	42313.7	42162.8	41592.9	40619.9	39228.6	36980.5	34058.9	30646.7
12.5°	42856.9	43233.7	43507.8	43592.0	43507.8	43233.7	42856.9	41696.4	39946.3	37056.8	33584.4
10°	44000.5	43830.4	43760.2	43769.1	43760.2	43830.4	44000.5	43151.9	41660.5	39361.9	36137.9
7.5°	43921.8	43670.0	43164.3	43083.8	43164.3	43670.0	43921.8	43723.6	42685.4	40765.8	37793.1
5°	43290.8	42832.4	41992.9	41751.6	41992.9	42832.4	43290.8	43368.8	42847.5	41421.5	38852.2
2.5°	42555.3	41728.9	40955.5	40457.9	40955.5	41728.9	42555.3	42899.2	42809.4	41864.1	39684.3
0°	42336.8	41382.0	40380.9	40057.5	40380.9	41382.0	42336.8	42791.2	42806.6	42028.8	40026.7
-2.5°	42555.3	41728.9	40955.5	40457.9	40955.5	41728.9	42555.3	42899.2	42809.4	41864.1	39684.3
-5°	43290.8	42832.4	41992.9	41751.6	41992.9	42832.4	43290.8	43368.8	42847.5	41421.5	38852.2
-7.5°	43921.8	43670.0	43164.3	43083.8	43164.3	43670.0	43921.8	43723.6	42685.4	40765.8	37793.1
-10°	44000.5	43830.4	43760.2	43769.1	43760.2	43830.4	44000.5	43151.9	41660.5	39361.9	36137.9
-12.5°	42856.9	43233.7	43507.8	43592.0	43507.8	43233.7	42856.9	41696.4	39946.3	37056.8	33584.4
-15°	40619.9	41592.9	42162.8	42313.7	42162.8	41592.9	40619.9	39228.6	36980.5	34058.9	30646.7
-17.5°	37383.8	38702.8	39373.0	39657.1	39373.0	38702.8	37383.8	35765.0	33373.7	30526.2	27244.2
-20°	33330.9	34682.1	35385.3	35691.4	35385.3	34682.1	33330.9	31567.0	29278.3	26587.4	23694.5



REPORT NUMBER: P627887 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	28761.2	29975.0	30637.3	30947.9	30637.3	29975.0	28761.2	26963.7	24932.9	22559.6	19932.4
-25°	24136.5	25174.6	25644.9	26065.9	25644.9	25174.6	24136.5	22528.2	20652.2	18521.0	16058.0
-27.5°	19563.8	20460.1	20932.1	20906.6	20932.1	20460.1	19563.8	18156.5	16458.7	14422.9	12132.7
-30°	14946.5	15734.9	16172.7	16386.5	16172.7	15734.9	14946.5	13664.4	12045.2	10402.0	8632.3
-32.5°	10442.4	11040.9	11371.9	11627.6	11371.9	11040.9	10442.4	9460.6	8198.9	7029.8	6054.9
-35°	6803.0	7127.4	7301.2	7361.6	7301.2	7127.4	6803.0	6276.3	5571.4	4833.8	4313.8
-37.5°	4534.3	4678.5	4754.5	4820.5	4754.5	4678.5	4534.3	4283.1	3915.2	3477.9	3193.1
-40°	3224.5	3298.8	3340.0	3372.8	3340.0	3298.8	3224.5	3099.4	2911.5	2684.2	2504.4
-42.5°	2478.8	2524.9	2546.6	2541.1	2546.6	2524.9	2478.8	2411.1	2314.8	2195.5	2078.3
-45°	2031.8	2052.4	2066.9	2079.1	2066.9	2052.4	2031.8	1997.2	1943.2	1875.2	1800.3
-47.5°	1742.0	1752.3	1759.2	1763.4	1759.2	1752.3	1742.0	1723.5	1694.4	1655.1	1608.4
-50°	1548.7	1550.6	1550.4	1547.8	1550.4	1550.6	1548.7	1542.0	1528.9	1508.1	1483.0
-52.5°	1424.4	1422.4	1420.2	1416.9	1420.2	1422.4	1424.4	1423.2	1418.1	1406.2	1391.5
-55°	1335.0	1331.3	1328.1	1324.5	1328.1	1331.3	1335.0	1336.0	1334.1	1326.0	1315.8
-57.5°	1263.8	1261.6	1258.9	1255.2	1258.9	1261.6	1263.8	1263.8	1261.6	1255.8	1248.1
-60°	1197.6	1198.5	1197.1	1193.6	1197.1	1198.5	1197.6	1193.9	1187.2	1179.4	1170.6
-62.5°	1113.3	1119.4	1119.8	1116.6	1119.8	1119.4	1113.3	1104.8	1093.9	1084.3	1073.8
-65°	1006.9	1012.1	1015.4	1016.5	1015.4	1012.1	1006.9	999.8	990.9	981.2	968.9
-67.5°	901.4	904.5	904.0	900.9	904.0	904.5	901.4	896.6	890.4	880.6	866.2
-70°	783.9	782.5	784.5	785.4	784.5	782.5	783.9	783.2	780.5	773.3	760.4
-72.5°	667.2	667.1	665.4	662.2	665.4	667.1	667.2	665.7	662.6	657.4	649.3
-75°	552.3	551.8	550.0	546.7	550.0	551.8	552.3	551.5	549.6	546.0	538.7
-77.5°	432.5	429.4	430.7	431.2	430.7	429.4	432.5	434.4	434.8	433.0	425.4
-80°	321.9	321.9	319.2	315.7	319.2	321.9	321.9	321.0	319.2	316.3	311.0
-82.5°	220.8	222.2	219.2	215.6	219.2	222.2	220.8	218.9	216.6	213.8	210.1
-85°	123.7	122.6	119.2	115.5	119.2	122.6	123.7	124.5	125.0	125.1	121.1
-87.5°	40.1	38.4	38.5	38.5	38.5	38.4	40.1	41.7	43.2	44.6	42.2
-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: P627887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	39.8	37.3	34.9	35.9	36.7	37.4	37.8	36.6	35.4	34.1	32.7
85°	116.8	112.1	107.4	106.0	104.4	102.5	100.2	95.8	91.2	86.3	81.2
82.5°	205.8	200.7	195.2	191.3	186.9	182.0	176.4	167.9	159.3	150.6	141.8
80°	304.9	298.0	290.6	284.2	277.0	269.1	259.9	246.8	233.0	219.5	206.8
77.5°	416.6	406.7	396.0	385.1	373.6	361.6	348.1	331.5	314.8	297.2	279.5
75°	529.9	519.3	506.8	492.3	476.6	459.6	441.6	421.6	400.5	378.5	356.3
72.5°	639.6	628.5	615.7	600.3	582.2	562.3	540.0	515.5	489.7	462.7	436.3
70°	746.8	732.4	719.7	706.5	689.5	669.0	642.7	613.2	582.2	550.9	520.3
67.5°	849.9	831.8	819.3	807.2	791.8	772.9	745.6	713.9	679.1	642.7	606.4
65°	952.7	932.5	919.9	908.8	894.1	875.2	846.4	814.1	777.5	736.9	694.8
62.5°	1060.2	1043.7	1029.8	1013.6	996.0	975.1	946.1	912.3	875.2	832.6	783.7
60°	1160.4	1148.2	1126.6	1106.5	1088.7	1066.7	1032.4	999.9	969.7	920.7	868.1
57.5°	1238.5	1224.1	1204.0	1183.2	1161.8	1133.5	1102.9	1072.1	1037.0	995.7	946.9
55°	1303.3	1287.5	1268.7	1248.2	1225.1	1193.5	1161.9	1129.0	1095.2	1060.8	1013.0
52.5°	1374.6	1357.2	1335.1	1307.9	1281.2	1250.2	1214.7	1179.8	1148.2	1113.0	1073.9
50°	1459.1	1438.0	1412.7	1383.9	1348.0	1309.4	1272.2	1231.4	1198.3	1164.0	1124.3
47.5°	1572.9	1538.0	1500.5	1466.3	1422.2	1375.5	1332.7	1290.7	1251.6	1214.6	1173.9
45°	1743.9	1678.2	1607.5	1560.2	1504.2	1450.9	1395.9	1348.7	1303.8	1262.0	1224.0
42.5°	1989.3	1884.9	1788.3	1694.3	1604.5	1539.1	1470.5	1411.9	1357.6	1308.2	1263.5
40°	2343.8	2163.6	2030.8	1882.4	1761.8	1646.6	1559.0	1479.3	1416.4	1357.6	1303.4
37.5°	2879.1	2581.2	2360.2	2128.8	1960.8	1800.5	1665.5	1561.6	1476.3	1408.2	1345.1
35°	3707.5	3242.7	2828.4	2500.9	2203.6	1992.5	1803.9	1658.3	1549.1	1460.0	1386.3
32.5°	5002.0	4264.6	3512.5	3028.4	2569.3	2224.7	1982.1	1781.7	1627.0	1521.1	1432.5
30°	7015.3	5715.4	4608.9	3705.9	3076.2	2549.6	2180.5	1935.5	1737.5	1582.8	1479.2
27.5°	9937.6	7660.0	6112.1	4704.8	3688.7	2996.9	2468.0	2100.0	1853.8	1669.3	1532.8
25°	13348.8	10622.4	7971.7	6068.5	4572.4	3502.7	2803.7	2330.3	1997.8	1759.4	1580.0
22.5°	16944.2	13747.1	10570.0	7606.4	5668.5	4242.4	3237.1	2562.7	2133.7	1855.4	1648.6
20°	20511.4	16901.6	13282.0	9892.8	7003.0	4966.6	3708.7	2871.1	2323.5	1963.0	1713.6
17.5°	23789.9	19997.5	16031.8	12113.4	8646.7	6067.8	4306.3	3182.8	2489.0	2058.7	1769.9
15°	26894.6	22890.8	18707.5	14469.3	10403.5	7037.7	4815.5	3454.5	2661.2	2169.7	1843.5
12.5°	29706.3	25489.1	21087.3	16494.5	11963.2	8124.7	5494.8	3854.8	2872.8	2285.0	1913.0
10°	32160.6	27657.8	22967.8	18196.3	13470.8	9250.0	6136.9	4196.3	3056.0	2380.6	1969.8
7.5°	33923.3	29365.3	24461.9	19571.8	14697.1	10217.2	6682.8	4466.6	3199.8	2453.8	2013.5
5°	35219.4	30697.0	25707.5	20689.5	15607.4	10940.2	7090.4	4656.7	3302.7	2504.4	2043.9
2.5°	36108.4	31539.6	26541.1	21422.8	16135.7	11364.8	7350.2	4758.9	3351.4	2544.2	2060.7
0°	36361.3	31779.6	26751.2	21807.6	16217.1	11419.7	7454.0	4774.3	3349.7	2564.2	2063.7
-2.5°	36108.4	31539.6	26541.1	21422.8	16135.7	11364.8	7350.2	4758.9	3351.4	2544.2	2060.7
-5°	35219.4	30697.0	25707.5	20689.5	15607.4	10940.2	7090.4	4656.7	3302.7	2504.4	2043.9
-7.5°	33923.3	29365.3	24461.9	19571.8	14697.1	10217.2	6682.8	4466.6	3199.8	2453.8	2013.5
-10°	32160.6	27657.8	22967.8	18196.3	13470.8	9250.0	6136.9	4196.3	3056.0	2380.6	1969.8
-12.5°	29706.3	25489.1	21087.3	16494.5	11963.2	8124.7	5494.8	3854.8	2872.8	2285.0	1913.0
-15°	26894.6	22890.8	18707.5	14469.3	10403.5	7037.7	4815.5	3454.5	2661.2	2169.7	1843.5
-17.5°	23789.9	19997.5	16031.8	12113.4	8646.7	6067.8	4306.3	3182.8	2489.0	2058.7	1769.9
-20°	20511.4	16901.6	13282.0	9892.8	7003.0	4966.6	3708.7	2871.1	2323.5	1963.0	1713.6



REPORT NUMBER: P627887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16944.2	13747.1	10570.0	7606.4	5668.5	4242.4	3237.1	2562.7	2133.7	1855.4	1648.6
-25°	13348.8	10622.4	7971.7	6068.5	4572.4	3502.7	2803.7	2330.3	1997.8	1759.4	1580.0
-27.5°	9937.6	7660.0	6112.1	4704.8	3688.7	2996.9	2468.0	2100.0	1853.8	1669.3	1532.8
-30°	7015.3	5715.4	4608.9	3705.9	3076.2	2549.6	2180.5	1935.5	1737.5	1582.8	1479.2
-32.5°	5002.0	4264.6	3512.5	3028.4	2569.3	2224.7	1982.1	1781.7	1627.0	1521.1	1432.5
-35°	3707.5	3242.7	2828.4	2500.9	2203.6	1992.5	1803.9	1658.3	1549.1	1460.0	1386.3
-37.5°	2879.1	2581.2	2360.2	2128.8	1960.8	1800.5	1665.5	1561.6	1476.3	1408.2	1345.1
-40°	2343.8	2163.6	2030.8	1882.4	1761.8	1646.6	1559.0	1479.3	1416.4	1357.6	1303.4
-42.5°	1989.3	1884.9	1788.3	1694.3	1604.5	1539.1	1470.5	1411.9	1357.6	1308.2	1263.5
-45°	1743.9	1678.2	1607.5	1560.2	1504.2	1450.9	1395.9	1348.7	1303.8	1262.0	1224.0
-47.5°	1572.9	1538.0	1500.5	1466.3	1422.2	1375.5	1332.7	1290.7	1251.6	1214.6	1173.9
-50°	1459.1	1438.0	1412.7	1383.9	1348.0	1309.4	1272.2	1231.4	1198.3	1164.0	1124.3
-52.5°	1374.6	1357.2	1335.1	1307.9	1281.2	1250.2	1214.7	1179.8	1148.2	1113.0	1073.9
-55°	1303.3	1287.5	1268.7	1248.2	1225.1	1193.5	1161.9	1129.0	1095.2	1060.8	1013.0
-57.5°	1238.5	1224.1	1204.0	1183.2	1161.8	1133.5	1102.9	1072.1	1037.0	995.7	946.9
-60°	1160.4	1148.2	1126.6	1106.5	1088.7	1066.7	1032.4	999.9	969.7	920.7	868.1
-62.5°	1060.2	1043.7	1029.8	1013.6	996.0	975.1	946.1	912.3	875.2	832.6	783.7
-65°	952.7	932.5	919.9	908.8	894.1	875.2	846.4	814.1	777.5	736.9	694.8
-67.5°	849.9	831.8	819.3	807.2	791.8	772.9	745.6	713.9	679.1	642.7	606.4
-70°	746.8	732.4	719.7	706.5	689.5	669.0	642.7	613.2	582.2	550.9	520.3
-72.5°	639.6	628.5	615.7	600.3	582.2	562.3	540.0	515.5	489.7	462.7	436.3
-75°	529.9	519.3	506.8	492.3	476.6	459.6	441.6	421.6	400.5	378.5	356.3
-77.5°	416.6	406.7	396.0	385.1	373.6	361.6	348.1	331.5	314.8	297.2	279.5
-80°	304.9	298.0	290.6	284.2	277.0	269.1	259.9	246.8	233.0	219.5	206.8
-82.5°	205.8	200.7	195.2	191.3	186.9	182.0	176.4	167.9	159.3	150.6	141.8
-85°	116.8	112.1	107.4	106.0	104.4	102.5	100.2	95.8	91.2	86.3	81.2
-87.5°	39.8	37.3	34.9	35.9	36.7	37.4	37.8	36.6	35.4	34.1	32.7
-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: P627887 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	31.2	29.7	28.1	26.5	24.8	23.1	21.3	19.5	16.9	14.5	12.1
85°	75.9	70.3	64.5	58.6	52.3	46.2	42.6	39.0	33.8	28.9	24.3
82.5°	133.1	124.6	115.9	106.8	96.5	86.3	76.3	66.5	55.6	44.1	36.3
80°	195.1	183.0	170.4	157.1	142.1	126.1	112.2	98.7	85.5	71.5	56.6
77.5°	262.5	244.7	226.4	209.6	192.1	173.5	153.7	133.1	115.3	98.7	81.1
75°	334.3	312.8	290.8	268.0	244.6	220.8	198.2	174.4	150.6	126.3	105.4
72.5°	410.6	384.0	356.4	328.2	300.8	272.8	244.1	215.3	187.6	159.4	130.7
70°	489.0	456.5	424.3	392.4	359.1	324.5	291.7	257.9	224.2	192.0	159.4
67.5°	569.0	532.3	494.5	457.0	419.9	380.9	339.8	300.3	261.9	224.2	187.6
65°	653.0	609.7	565.3	522.7	480.3	437.7	392.8	343.5	298.8	256.6	215.3
62.5°	735.8	688.4	638.6	587.8	539.6	492.4	444.6	389.9	335.9	288.2	242.7
60°	816.0	762.9	709.2	653.2	598.2	545.4	492.4	435.1	376.2	319.1	269.3
57.5°	889.5	833.8	773.9	714.8	655.6	597.1	538.5	477.7	415.3	352.6	295.3
55°	958.6	897.9	835.3	771.5	709.3	647.1	583.4	518.6	453.0	386.0	320.7
52.5°	1023.4	960.0	893.5	825.8	758.5	694.3	627.1	558.3	488.7	418.1	348.6
50°	1080.0	1020.5	950.1	878.5	805.7	737.8	669.5	596.8	523.3	449.0	375.8
47.5°	1127.7	1072.9	1005.0	929.5	852.9	780.4	709.2	634.0	556.7	478.7	401.9
45°	1174.2	1121.4	1055.7	978.7	899.6	822.9	747.3	669.7	588.8	507.3	426.9
42.5°	1217.8	1165.1	1103.7	1025.9	944.2	863.8	784.4	703.5	619.5	534.5	450.6
40°	1254.9	1203.3	1149.0	1071.4	986.3	902.4	819.7	736.0	648.9	560.4	473.1
37.5°	1291.1	1238.2	1182.2	1114.1	1025.8	938.7	852.8	767.2	677.2	585.5	494.2
35°	1326.1	1271.4	1212.0	1147.3	1062.5	972.5	883.7	796.3	703.8	609.4	514.0
32.5°	1357.3	1301.2	1239.5	1174.1	1096.4	1003.7	912.3	822.0	728.4	632.1	532.4
30°	1394.6	1326.2	1264.2	1200.5	1125.3	1032.3	938.8	845.9	751.2	653.4	549.7
27.5°	1430.2	1350.2	1286.4	1222.4	1148.0	1058.2	963.3	867.9	771.9	672.8	566.7
25°	1464.7	1377.7	1306.9	1240.8	1169.7	1083.0	985.8	888.2	790.2	689.8	582.5
22.5°	1504.3	1402.9	1326.1	1256.7	1190.5	1105.4	1006.2	906.5	806.6	705.0	596.9
20°	1539.6	1423.6	1343.9	1271.8	1206.1	1122.4	1024.4	922.9	821.1	718.4	609.9
17.5°	1574.0	1447.2	1361.2	1286.2	1217.8	1137.2	1040.3	937.2	833.9	730.1	621.5
15°	1621.8	1474.2	1376.2	1298.6	1227.7	1149.9	1054.0	949.4	844.8	739.9	631.9
12.5°	1662.8	1496.8	1388.7	1308.6	1235.7	1160.3	1065.3	959.6	853.8	748.7	641.1
10°	1696.0	1514.8	1398.4	1316.5	1241.9	1168.5	1074.3	968.2	862.3	756.4	648.7
7.5°	1721.3	1528.3	1405.3	1322.0	1246.2	1174.5	1082.5	975.8	869.1	762.3	654.6
5°	1738.4	1537.1	1411.1	1325.2	1248.5	1178.2	1088.6	981.3	873.9	766.6	658.8
2.5°	1747.4	1541.0	1415.4	1326.0	1249.0	1179.3	1092.3	984.6	876.8	769.1	661.4
0°	1748.0	1540.1	1416.9	1324.5	1247.5	1178.2	1093.5	985.7	877.8	770.0	662.2
-2.5°	1747.4	1541.0	1415.4	1326.0	1249.0	1179.3	1092.3	984.6	876.8	769.1	661.4
-5°	1738.4	1537.1	1411.1	1325.2	1248.5	1178.2	1088.6	981.3	873.9	766.6	658.8
-7.5°	1721.3	1528.3	1405.3	1322.0	1246.2	1174.5	1082.5	975.8	869.1	762.3	654.6
-10°	1696.0	1514.8	1398.4	1316.5	1241.9	1168.5	1074.3	968.2	862.3	756.4	648.7
-12.5°	1662.8	1496.8	1388.7	1308.6	1235.7	1160.3	1065.3	959.6	853.8	748.7	641.1
-15°	1621.8	1474.2	1376.2	1298.6	1227.7	1149.9	1054.0	949.4	844.8	739.9	631.9
-17.5°	1574.0	1447.2	1361.2	1286.2	1217.8	1137.2	1040.3	937.2	833.9	730.1	621.5
-20°	1539.6	1423.6	1343.9	1271.8	1206.1	1122.4	1024.4	922.9	821.1	718.4	609.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627887 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	1504.3	1402.9	1326.1	1256.7	1190.5	1105.4	1006.2	906.5	806.6	705.0	596.9
-25°	1464.7	1377.7	1306.9	1240.8	1169.7	1083.0	985.8	888.2	790.2	689.8	582.5
-27.5°	1430.2	1350.2	1286.4	1222.4	1148.0	1058.2	963.3	867.9	771.9	672.8	566.7
-30°	1394.6	1326.2	1264.2	1200.5	1125.3	1032.3	938.8	845.9	751.2	653.4	549.7
-32.5°	1357.3	1301.2	1239.5	1174.1	1096.4	1003.7	912.3	822.0	728.4	632.1	532.4
-35°	1326.1	1271.4	1212.0	1147.3	1062.5	972.5	883.7	796.3	703.8	609.4	514.0
-37.5°	1291.1	1238.2	1182.2	1114.1	1025.8	938.7	852.8	767.2	677.2	585.5	494.2
-40°	1254.9	1203.3	1149.0	1071.4	986.3	902.4	819.7	736.0	648.9	560.4	473.1
-42.5°	1217.8	1165.1	1103.7	1025.9	944.2	863.8	784.4	703.5	619.5	534.5	450.6
-45°	1174.2	1121.4	1055.7	978.7	899.6	822.9	747.3	669.7	588.8	507.3	426.9
-47.5°	1127.7	1072.9	1005.0	929.5	852.9	780.4	709.2	634.0	556.7	478.7	401.9
-50°	1080.0	1020.5	950.1	878.5	805.7	737.8	669.5	596.8	523.3	449.0	375.8
-52.5°	1023.4	960.0	893.5	825.8	758.5	694.3	627.1	558.3	488.7	418.1	348.6
-55°	958.6	897.9	835.3	771.5	709.3	647.1	583.4	518.6	453.0	386.0	320.7
-57.5°	889.5	833.8	773.9	714.8	655.6	597.1	538.5	477.7	415.3	352.6	295.3
-60°	816.0	762.9	709.2	653.2	598.2	545.4	492.4	435.1	376.2	319.1	269.3
-62.5°	735.8	688.4	638.6	587.8	539.6	492.4	444.6	389.9	335.9	288.2	242.7
-65°	653.0	609.7	565.3	522.7	480.3	437.7	392.8	343.5	298.8	256.6	215.3
-67.5°	569.0	532.3	494.5	457.0	419.9	380.9	339.8	300.3	261.9	224.2	187.6
-70°	489.0	456.5	424.3	392.4	359.1	324.5	291.7	257.9	224.2	192.0	159.4
-72.5°	410.6	384.0	356.4	328.2	300.8	272.8	244.1	215.3	187.6	159.4	130.7
-75°	334.3	312.8	290.8	268.0	244.6	220.8	198.2	174.4	150.6	126.3	105.4
-77.5°	262.5	244.7	226.4	209.6	192.1	173.5	153.7	133.1	115.3	98.7	81.1
-80°	195.1	183.0	170.4	157.1	142.1	126.1	112.2	98.7	85.5	71.5	56.6
-82.5°	133.1	124.6	115.9	106.8	96.5	86.3	76.3	66.5	55.6	44.1	36.3
-85°	75.9	70.3	64.5	58.6	52.3	46.2	42.6	39.0	33.8	28.9	24.3
-87.5°	31.2	29.7	28.1	26.5	24.8	23.1	21.3	19.5	16.9	14.5	12.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627887 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	10.0	8.3	6.7	5.0	3.4	1.7	0.0
85°	19.9	16.6	13.4	10.0	6.7	3.4	0.0
82.5°	29.8	24.9	20.0	15.0	10.0	5.0	0.0
80°	41.1	33.2	26.6	20.0	13.4	6.7	0.0
77.5°	62.6	44.8	33.2	24.9	16.6	8.3	0.0
75°	83.9	62.6	41.1	29.8	19.9	10.0	0.0
72.5°	105.0	80.2	55.2	34.6	23.1	11.6	0.0
70°	126.3	97.6	69.2	40.5	26.3	13.2	0.0
67.5°	150.4	114.8	82.9	50.8	29.4	14.7	0.0
65°	173.9	132.9	96.4	60.9	32.5	16.3	0.0
62.5°	196.9	151.8	109.6	70.9	35.5	17.8	0.0
60°	219.3	170.2	122.6	80.6	38.5	19.2	0.0
57.5°	241.7	188.1	136.6	90.1	44.6	20.7	0.0
55°	263.7	205.4	150.4	99.3	50.7	22.1	0.0
52.5°	285.1	222.4	163.7	108.2	56.5	23.4	0.0
50°	306.0	239.9	176.4	116.9	62.1	24.7	0.0
47.5°	326.6	256.9	188.7	125.4	67.5	26.0	0.0
45°	347.9	273.2	200.4	134.2	72.6	27.2	0.0
42.5°	368.2	289.0	211.6	142.5	77.4	28.4	0.0
40°	387.4	304.2	222.9	150.2	82.0	29.5	0.0
37.5°	405.6	318.6	234.4	157.4	86.4	30.5	0.0
35°	422.6	332.7	245.3	164.2	90.4	31.5	0.0
32.5°	438.4	346.0	255.5	170.5	94.2	32.5	0.0
30°	453.1	358.4	265.2	176.4	97.6	33.3	0.0
27.5°	466.6	369.8	273.7	181.8	100.8	34.1	0.0
25°	478.8	380.1	281.5	186.7	103.7	34.9	0.0
22.5°	489.8	389.4	288.5	191.1	106.3	35.6	0.0
20°	499.5	397.2	294.8	195.1	108.5	36.2	0.0
17.5°	508.2	404.1	300.2	198.5	110.5	36.7	0.0
15°	516.1	409.9	304.9	201.4	112.1	37.2	0.0
12.5°	522.9	414.8	308.7	203.8	113.4	37.6	0.0
10°	528.6	418.6	311.8	205.7	114.5	37.9	0.0
7.5°	533.1	421.4	314.0	207.0	115.2	38.2	0.0
5°	536.3	423.1	315.4	207.9	115.6	38.4	0.0
2.5°	538.3	423.8	316.0	208.1	115.7	38.5	0.0
0°	539.0	423.5	315.7	207.9	115.5	38.5	0.0
-2.5°	538.3	423.8	316.0	208.1	115.7	38.5	0.0
-5°	536.3	423.1	315.4	207.9	115.6	38.4	0.0
-7.5°	533.1	421.4	314.0	207.0	115.2	38.2	0.0
-10°	528.6	418.6	311.8	205.7	114.5	37.9	0.0
-12.5°	522.9	414.8	308.7	203.8	113.4	37.6	0.0
-15°	516.1	409.9	304.9	201.4	112.1	37.2	0.0
-17.5°	508.2	404.1	300.2	198.5	110.5	36.7	0.0
-20°	499.5	397.2	294.8	195.1	108.5	36.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	489.8	389.4	288.5	191.1	106.3	35.6	0.0
-25°	478.8	380.1	281.5	186.7	103.7	34.9	0.0
-27.5°	466.6	369.8	273.7	181.8	100.8	34.1	0.0
-30°	453.1	358.4	265.2	176.4	97.6	33.3	0.0
-32.5°	438.4	346.0	255.5	170.5	94.2	32.5	0.0
-35°	422.6	332.7	245.3	164.2	90.4	31.5	0.0
-37.5°	405.6	318.6	234.4	157.4	86.4	30.5	0.0
-40°	387.4	304.2	222.9	150.2	82.0	29.5	0.0
-42.5°	368.2	289.0	211.6	142.5	77.4	28.4	0.0
-45°	347.9	273.2	200.4	134.2	72.6	27.2	0.0
-47.5°	326.6	256.9	188.7	125.4	67.5	26.0	0.0
-50°	306.0	239.9	176.4	116.9	62.1	24.7	0.0
-52.5°	285.1	222.4	163.7	108.2	56.5	23.4	0.0
-55°	263.7	205.4	150.4	99.3	50.7	22.1	0.0
-57.5°	241.7	188.1	136.6	90.1	44.6	20.7	0.0
-60°	219.3	170.2	122.6	80.6	38.5	19.2	0.0
-62.5°	196.9	151.8	109.6	70.9	35.5	17.8	0.0
-65°	173.9	132.9	96.4	60.9	32.5	16.3	0.0
-67.5°	150.4	114.8	82.9	50.8	29.4	14.7	0.0
-70°	126.3	97.6	69.2	40.5	26.3	13.2	0.0
-72.5°	105.0	80.2	55.2	34.6	23.1	11.6	0.0
-75°	83.9	62.6	41.1	29.8	19.9	10.0	0.0
-77.5°	62.6	44.8	33.2	24.9	16.6	8.3	0.0
-80°	41.1	33.2	26.6	20.0	13.4	6.7	0.0
-82.5°	29.8	24.9	20.0	15.0	10.0	5.0	0.0
-85°	19.9	16.6	13.4	10.0	6.7	3.4	0.0
-87.5°	10.0	8.3	6.7	5.0	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)