

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: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627927 (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-SA6D-730-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N141
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

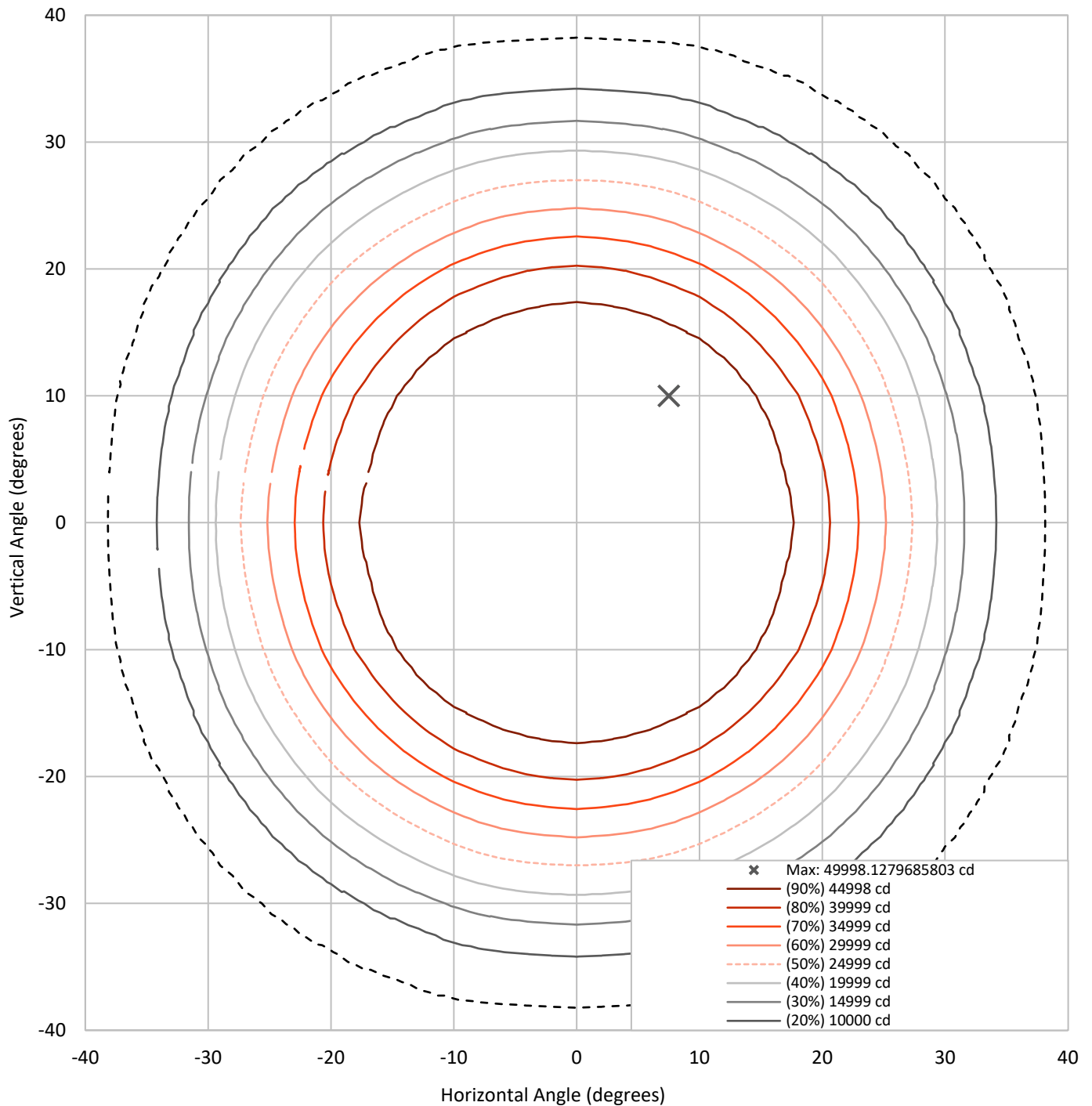
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	42553.2 lumens	Max Intensity:	49998.1 candela
Efficiency:	N/A	Max Intensity Angle:	7.5°H x 10°V
Efficacy:	130.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	28244.2 lumens	Field Lumens:	36725.6 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	325.9		
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





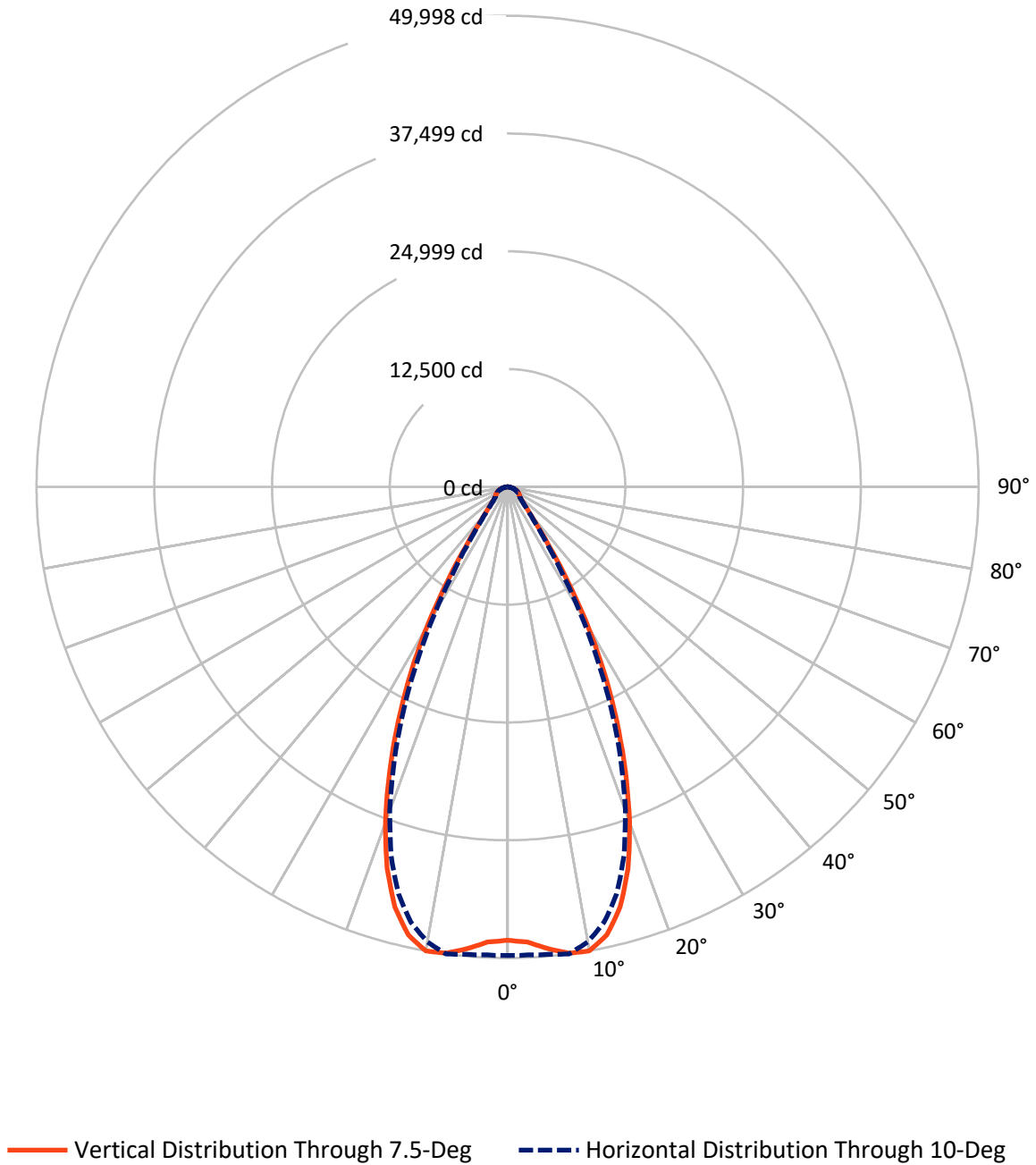
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Lumen Table

90																			
80	1.1	10.0		26.7		42.3		47.2		42.3		26.7		10.0	1.1				
70																			
60	4.5	5.1	10.4	17.0	23.8	28.9	32.7	34.6	34.6	32.7	28.9	23.8	17.0	10.4	5.1	4.5			
50		7.7	15.4	24.6	32.8	39.7	44.4	46.4	46.4	44.4	39.7	32.8	24.6	15.4	7.7				
40	8.0	9.9	19.4	29.8	39.9	52.0	65.4	75.0	75.0	65.4	52.0	39.9	29.8	19.4	9.9	8.0			
30		11.7	22.6	34.3	53.0	96.7	185.1	274.4	274.4	185.1	96.7	53.0	34.3	22.6	11.7				
20	10.3	13.1	24.6	40.0	87.2	273.2	612.9	855.8	855.8	612.9	273.2	87.2	40.0	24.6	13.1	10.3			
10		14.0	25.9	47.5	157.5	582.4	1112.1	1391.9	1391.9	1112.1	582.4	157.5	47.5	25.9	14.0				
0	11.1	14.5	26.6	53.5	226.8	796.9	1349.2	1468.0	1468.0	1349.2	796.9	226.8	53.5	26.6	14.5	11.1			
-10		14.5	26.6	53.5	226.8	796.9	1349.2	1468.0	1468.0	1349.2	796.9	226.8	53.5	26.6	14.5				
-20	10.3	14.0	25.9	47.5	157.5	582.4	1112.1	1391.9	1391.9	1112.1	582.4	157.5	47.5	25.9	14.0	10.3			
-30		13.1	24.6	40.0	87.2	273.2	612.9	855.8	855.8	612.9	273.2	87.2	40.0	24.6	13.1				
-40	8.0	11.7	22.6	34.3	53.0	96.7	185.1	274.4	274.4	185.1	96.7	53.0	34.3	22.6	11.7	8.0			
-50		9.9	19.4	29.8	39.9	52.0	65.4	75.0	75.0	65.4	52.0	39.9	29.8	19.4	9.9				
-60	4.5	7.7	15.4	24.6	32.8	39.7	44.4	46.4	46.4	44.4	39.7	32.8	24.6	15.4	7.7	4.5			
-70		5.1	10.4	17.0	23.8	28.9	32.7	34.6	34.6	32.7	28.9	23.8	17.0	10.4	5.1				
-80																			
-90	1.1	10.0		26.7		42.3		47.2		42.3		26.7		10.0	1.1				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

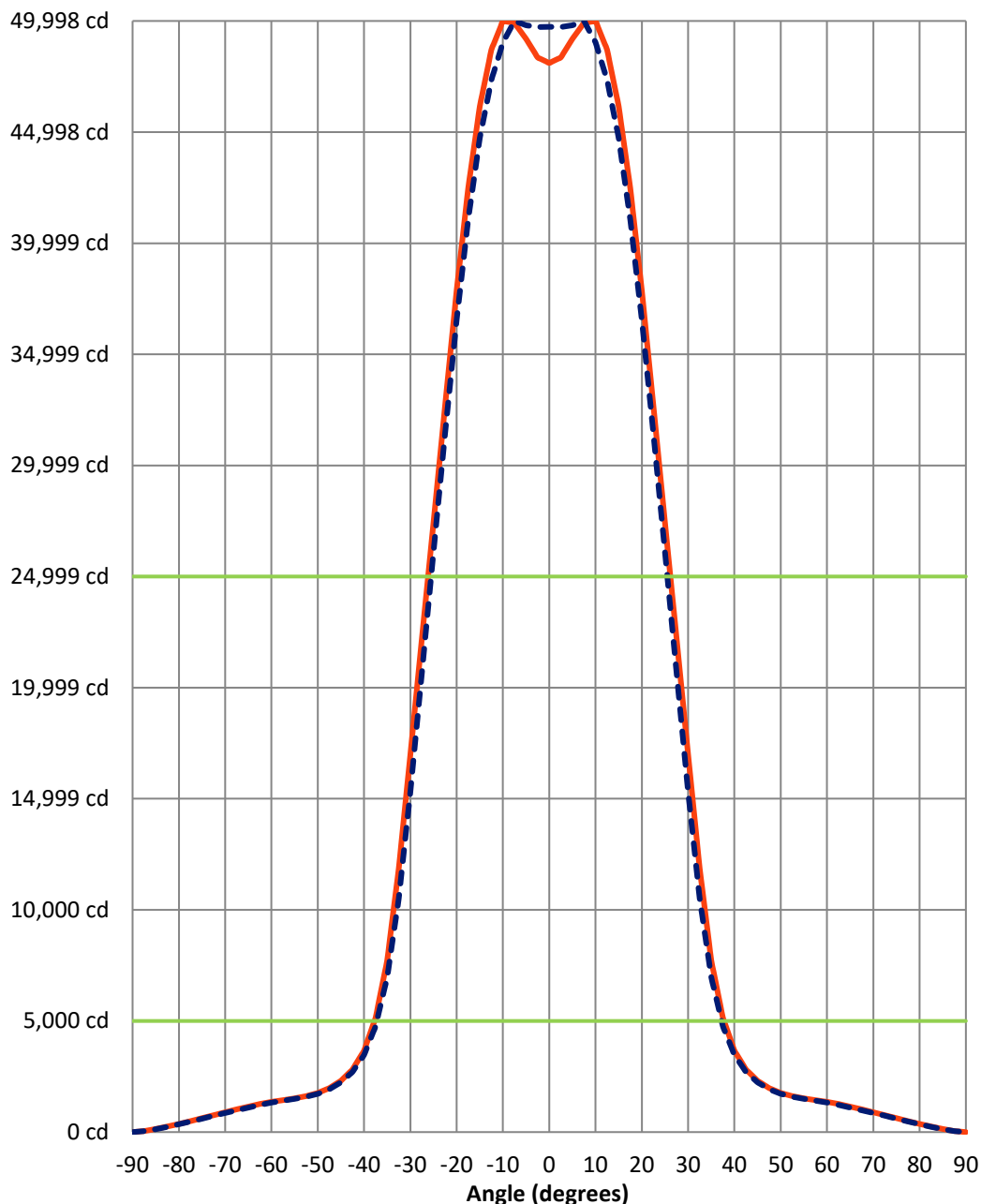
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 28244.2
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 36725.6
 Efficiency: 86.3%

Spill:
 Lumens: 5827.6
 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	11.3	13.8	16.5	19.2	22.2
85°	0.0	3.8	7.6	11.4	15.2	18.9	22.6	27.6	32.9	38.4	44.3
82.5°	0.0	5.7	11.4	17.1	22.8	28.4	33.9	41.3	50.2	63.2	75.6
80°	0.0	7.6	15.2	22.8	30.3	37.7	46.7	64.3	81.2	97.2	112.2
77.5°	0.0	9.5	18.9	28.4	37.7	50.9	71.2	92.1	112.2	131.0	151.3
75°	0.0	11.3	22.6	33.9	46.7	71.2	95.4	119.7	143.6	171.1	198.3
72.5°	0.0	13.2	26.3	39.4	62.8	91.2	119.4	148.6	181.1	213.2	244.7
70°	0.0	15.0	29.9	46.1	78.6	111.0	143.6	181.1	218.2	254.8	293.2
67.5°	0.0	16.8	33.5	57.8	94.2	130.4	170.9	213.2	254.8	297.6	341.3
65°	0.0	18.5	37.0	69.3	109.5	151.0	197.6	244.7	291.6	339.5	390.4
62.5°	0.0	20.2	40.4	80.6	124.6	172.5	223.8	275.8	327.6	381.7	443.1
60°	0.0	21.9	43.8	91.6	139.3	193.4	249.2	306.1	362.6	427.5	494.5
57.5°	0.0	23.5	50.8	102.3	155.3	213.8	274.7	335.5	400.7	472.0	542.9
55°	0.0	25.1	57.6	112.8	170.9	233.5	299.6	364.4	438.6	514.8	589.3
52.5°	0.0	26.7	64.2	123.0	186.0	252.7	324.0	396.1	475.2	555.4	634.5
50°	0.0	28.1	70.6	132.8	200.5	272.6	347.7	427.1	510.3	594.7	678.2
47.5°	0.0	29.6	76.7	142.5	214.4	291.9	371.1	456.8	544.0	632.6	720.4
45°	0.0	31.0	82.5	152.5	227.7	310.5	395.3	485.1	576.5	669.1	761.1
42.5°	0.0	32.3	88.0	162.0	240.4	328.4	418.4	512.1	607.4	704.0	799.5
40°	0.0	33.5	93.3	170.7	253.3	345.6	440.3	537.6	636.8	737.4	836.4
37.5°	0.0	34.7	98.2	178.9	266.3	362.1	460.9	561.6	665.3	769.6	871.8
35°	0.0	35.9	102.8	186.6	278.7	378.1	480.2	584.1	692.5	799.8	904.9
32.5°	0.0	36.9	107.1	193.8	290.4	393.2	498.2	605.0	718.3	827.8	934.0
30°	0.0	37.9	111.0	200.5	301.3	407.2	514.9	624.6	742.5	853.6	961.2
27.5°	0.0	38.8	114.6	206.6	311.1	420.2	530.2	644.0	764.6	877.2	986.3
25°	0.0	39.7	117.9	212.2	319.9	432.0	544.1	661.9	783.9	898.0	1009.3
22.5°	0.0	40.5	120.8	217.2	327.9	442.4	556.5	678.3	801.1	916.5	1030.1
20°	0.0	41.2	123.3	221.7	335.0	451.4	567.6	693.1	816.4	933.1	1048.7
17.5°	0.0	41.8	125.6	225.6	341.2	459.2	577.5	706.3	829.6	947.6	1064.9
15°	0.0	42.3	127.4	228.9	346.5	465.8	586.5	718.1	840.8	959.9	1078.8
12.5°	0.0	42.8	128.9	231.6	350.9	471.3	594.3	728.5	850.8	970.2	1090.4
10°	0.0	43.1	130.1	233.8	354.3	475.7	600.7	737.1	859.5	979.9	1100.1
7.5°	0.0	43.4	130.9	235.3	356.9	478.9	605.8	743.8	866.3	987.6	1108.8
5°	0.0	43.6	131.4	236.2	358.4	480.9	609.5	748.7	871.1	993.1	1115.0
2.5°	0.0	43.8	131.5	236.6	359.1	481.7	611.7	751.5	874.0	996.4	1118.8
0°	0.0	43.8	131.3	236.3	358.8	481.3	612.5	752.5	875.0	997.5	1120.0
-2.5°	0.0	43.8	131.5	236.6	359.1	481.7	611.7	751.5	874.0	996.4	1118.8
-5°	0.0	43.6	131.4	236.2	358.4	480.9	609.5	748.7	871.1	993.1	1115.0
-7.5°	0.0	43.4	130.9	235.3	356.9	478.9	605.8	743.8	866.3	987.6	1108.8
-10°	0.0	43.1	130.1	233.8	354.3	475.7	600.7	737.1	859.5	979.9	1100.1
-12.5°	0.0	42.8	128.9	231.6	350.9	471.3	594.3	728.5	850.8	970.2	1090.4
-15°	0.0	42.3	127.4	228.9	346.5	465.8	586.5	718.1	840.8	959.9	1078.8
-17.5°	0.0	41.8	125.6	225.6	341.2	459.2	577.5	706.3	829.6	947.6	1064.9
-20°	0.0	41.2	123.3	221.7	335.0	451.4	567.6	693.1	816.4	933.1	1048.7



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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	40.5	120.8	217.2	327.9	442.4	556.5	678.3	801.1	916.5	1030.1
-25°	0.0	39.7	117.9	212.2	319.9	432.0	544.1	661.9	783.9	898.0	1009.3
-27.5°	0.0	38.8	114.6	206.6	311.1	420.2	530.2	644.0	764.6	877.2	986.3
-30°	0.0	37.9	111.0	200.5	301.3	407.2	514.9	624.6	742.5	853.6	961.2
-32.5°	0.0	36.9	107.1	193.8	290.4	393.2	498.2	605.0	718.3	827.8	934.0
-35°	0.0	35.9	102.8	186.6	278.7	378.1	480.2	584.1	692.5	799.8	904.9
-37.5°	0.0	34.7	98.2	178.9	266.3	362.1	460.9	561.6	665.3	769.6	871.8
-40°	0.0	33.5	93.3	170.7	253.3	345.6	440.3	537.6	636.8	737.4	836.4
-42.5°	0.0	32.3	88.0	162.0	240.4	328.4	418.4	512.1	607.4	704.0	799.5
-45°	0.0	31.0	82.5	152.5	227.7	310.5	395.3	485.1	576.5	669.1	761.1
-47.5°	0.0	29.6	76.7	142.5	214.4	291.9	371.1	456.8	544.0	632.6	720.4
-50°	0.0	28.1	70.6	132.8	200.5	272.6	347.7	427.1	510.3	594.7	678.2
-52.5°	0.0	26.7	64.2	123.0	186.0	252.7	324.0	396.1	475.2	555.4	634.5
-55°	0.0	25.1	57.6	112.8	170.9	233.5	299.6	364.4	438.6	514.8	589.3
-57.5°	0.0	23.5	50.8	102.3	155.3	213.8	274.7	335.5	400.7	472.0	542.9
-60°	0.0	21.9	43.8	91.6	139.3	193.4	249.2	306.1	362.6	427.5	494.5
-62.5°	0.0	20.2	40.4	80.6	124.6	172.5	223.8	275.8	327.6	381.7	443.1
-65°	0.0	18.5	37.0	69.3	109.5	151.0	197.6	244.7	291.6	339.5	390.4
-67.5°	0.0	16.8	33.5	57.8	94.2	130.4	170.9	213.2	254.8	297.6	341.3
-70°	0.0	15.0	29.9	46.1	78.6	111.0	143.6	181.1	218.2	254.8	293.2
-72.5°	0.0	13.2	26.3	39.4	62.8	91.2	119.4	148.6	181.1	213.2	244.7
-75°	0.0	11.3	22.6	33.9	46.7	71.2	95.4	119.7	143.6	171.1	198.3
-77.5°	0.0	9.5	18.9	28.4	37.7	50.9	71.2	92.1	112.2	131.0	151.3
-80°	0.0	7.6	15.2	22.8	30.3	37.7	46.7	64.3	81.2	97.2	112.2
-82.5°	0.0	5.7	11.4	17.1	22.8	28.4	33.9	41.3	50.2	63.2	75.6
-85°	0.0	3.8	7.6	11.4	15.2	18.9	22.6	27.6	32.9	38.4	44.3
-87.5°	0.0	1.9	3.8	5.7	7.6	9.5	11.3	13.8	16.5	19.2	22.2
-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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CATALOG NUMBER: GFLD-SA6D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.2	26.2	28.2	30.1	32.0	33.7	35.5	37.1	38.7	40.2	41.6
85°	48.4	52.5	59.4	66.6	73.4	79.9	86.2	92.3	98.1	103.7	108.9
82.5°	86.7	98.1	109.7	121.4	131.8	141.6	151.3	161.2	171.1	181.0	190.8
80°	127.5	143.4	161.5	178.6	193.7	208.0	221.8	235.0	249.4	264.8	280.5
77.5°	174.7	197.2	218.4	238.2	257.3	278.2	298.3	317.7	337.8	357.7	376.7
75°	225.2	251.0	278.0	304.6	330.5	355.6	380.0	404.9	430.1	455.2	479.1
72.5°	277.4	310.0	341.9	373.0	405.1	436.4	466.6	495.8	525.8	556.5	585.8
70°	331.5	368.8	408.1	446.0	482.2	518.7	555.6	591.2	626.0	661.6	696.9
67.5°	386.2	432.9	477.2	519.3	561.9	604.9	646.6	689.2	730.3	771.7	811.2
65°	446.4	497.4	545.8	594.0	642.4	692.9	742.1	789.6	837.4	883.6	925.1
62.5°	505.3	559.6	613.2	668.0	725.7	782.4	836.2	890.6	946.2	994.5	1036.6
60°	559.5	619.8	679.8	742.3	806.0	867.0	927.3	986.5	1046.2	1101.8	1136.2
57.5°	611.9	678.6	745.0	812.3	879.5	947.6	1010.8	1075.9	1131.4	1178.3	1218.2
55°	663.0	735.3	806.1	876.7	949.2	1020.3	1089.2	1151.1	1205.3	1244.4	1282.9
52.5°	712.6	789.0	862.0	938.4	1015.4	1090.9	1162.9	1220.3	1264.7	1304.7	1340.6
50°	760.8	838.4	915.6	998.3	1079.7	1159.6	1227.3	1277.5	1322.7	1361.6	1399.3
47.5°	805.9	886.8	969.3	1056.3	1142.0	1219.2	1281.3	1333.9	1380.1	1422.1	1466.6
45°	849.3	935.1	1022.3	1112.2	1199.6	1274.3	1334.2	1390.8	1434.1	1481.5	1532.6
42.5°	891.4	981.6	1073.0	1165.8	1254.2	1323.9	1383.7	1435.7	1486.5	1542.7	1604.4
40°	931.5	1025.5	1120.8	1217.4	1305.5	1367.3	1425.9	1481.0	1542.7	1609.5	1680.9
37.5°	969.1	1066.6	1165.6	1265.9	1343.3	1407.0	1467.0	1528.4	1600.1	1677.5	1774.5
35°	1004.2	1105.0	1207.3	1303.6	1377.2	1444.7	1506.8	1575.3	1659.0	1760.2	1884.4
32.5°	1036.7	1140.5	1245.7	1334.1	1408.4	1478.5	1542.4	1627.7	1728.4	1848.8	2024.6
30°	1066.8	1172.9	1278.6	1364.1	1436.5	1507.0	1584.7	1680.8	1798.6	1974.4	2199.3
27.5°	1094.6	1202.4	1304.4	1389.0	1461.7	1534.3	1625.2	1741.8	1896.9	2106.6	2386.2
25°	1120.2	1230.6	1329.1	1409.9	1485.0	1565.5	1664.3	1795.4	1999.3	2270.1	2648.0
22.5°	1143.3	1256.1	1352.7	1428.0	1506.9	1594.1	1709.3	1873.3	2108.4	2424.6	2912.0
20°	1164.0	1275.3	1370.5	1445.1	1527.0	1617.7	1749.5	1947.2	2230.6	2640.2	3262.4
17.5°	1182.1	1292.2	1383.8	1461.6	1546.7	1644.5	1788.6	2011.2	2339.3	2828.3	3616.7
15°	1197.6	1306.5	1395.0	1475.6	1563.8	1675.1	1842.9	2094.8	2465.5	3024.0	3925.3
12.5°	1210.5	1318.4	1404.1	1487.0	1577.9	1700.8	1889.4	2173.7	2596.6	3264.3	4380.2
10°	1220.6	1327.7	1411.2	1495.9	1588.9	1721.3	1927.2	2238.3	2705.1	3472.5	4768.2
7.5°	1230.0	1334.6	1416.0	1502.2	1596.8	1736.6	1955.9	2288.0	2788.4	3636.0	5075.4
5°	1236.9	1338.7	1418.7	1505.8	1603.4	1746.6	1975.4	2322.5	2845.9	3752.9	5291.4
2.5°	1241.1	1340.1	1419.2	1506.7	1608.3	1751.1	1985.6	2341.6	2891.1	3808.2	5407.5
0°	1242.5	1338.8	1417.5	1505.0	1610.0	1750.0	1986.3	2345.0	2913.8	3806.3	5425.0
-2.5°	1241.1	1340.1	1419.2	1506.7	1608.3	1751.1	1985.6	2341.6	2891.1	3808.2	5407.5
-5°	1236.9	1338.7	1418.7	1505.8	1603.4	1746.6	1975.4	2322.5	2845.9	3752.9	5291.4
-7.5°	1230.0	1334.6	1416.0	1502.2	1596.8	1736.6	1955.9	2288.0	2788.4	3636.0	5075.4
-10°	1220.6	1327.7	1411.2	1495.9	1588.9	1721.3	1927.2	2238.3	2705.1	3472.5	4768.2
-12.5°	1210.5	1318.4	1404.1	1487.0	1577.9	1700.8	1889.4	2173.7	2596.6	3264.3	4380.2
-15°	1197.6	1306.5	1395.0	1475.6	1563.8	1675.1	1842.9	2094.8	2465.5	3024.0	3925.3
-17.5°	1182.1	1292.2	1383.8	1461.6	1546.7	1644.5	1788.6	2011.2	2339.3	2828.3	3616.7
-20°	1164.0	1275.3	1370.5	1445.1	1527.0	1617.7	1749.5	1947.2	2230.6	2640.2	3262.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-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°	1143.3	1256.1	1352.7	1428.0	1506.9	1594.1	1709.3	1873.3	2108.4	2424.6	2912.0
-25°	1120.2	1230.6	1329.1	1409.9	1485.0	1565.5	1664.3	1795.4	1999.3	2270.1	2648.0
-27.5°	1094.6	1202.4	1304.4	1389.0	1461.7	1534.3	1625.2	1741.8	1896.9	2106.6	2386.2
-30°	1066.8	1172.9	1278.6	1364.1	1436.5	1507.0	1584.7	1680.8	1798.6	1974.4	2199.3
-32.5°	1036.7	1140.5	1245.7	1334.1	1408.4	1478.5	1542.4	1627.7	1728.4	1848.8	2024.6
-35°	1004.2	1105.0	1207.3	1303.6	1377.2	1444.7	1506.8	1575.3	1659.0	1760.2	1884.4
-37.5°	969.1	1066.6	1165.6	1265.9	1343.3	1407.0	1467.0	1528.4	1600.1	1677.5	1774.5
-40°	931.5	1025.5	1120.8	1217.4	1305.5	1367.3	1425.9	1481.0	1542.7	1609.5	1680.9
-42.5°	891.4	981.6	1073.0	1165.8	1254.2	1323.9	1383.7	1435.7	1486.5	1542.7	1604.4
-45°	849.3	935.1	1022.3	1112.2	1199.6	1274.3	1334.2	1390.8	1434.1	1481.5	1532.6
-47.5°	805.9	886.8	969.3	1056.3	1142.0	1219.2	1281.3	1333.9	1380.1	1422.1	1466.6
-50°	760.8	838.4	915.6	998.3	1079.7	1159.6	1227.3	1277.5	1322.7	1361.6	1399.3
-52.5°	712.6	789.0	862.0	938.4	1015.4	1090.9	1162.9	1220.3	1264.7	1304.7	1340.6
-55°	663.0	735.3	806.1	876.7	949.2	1020.3	1089.2	1151.1	1205.3	1244.4	1282.9
-57.5°	611.9	678.6	745.0	812.3	879.5	947.6	1010.8	1075.9	1131.4	1178.3	1218.2
-60°	559.5	619.8	679.8	742.3	806.0	867.0	927.3	986.5	1046.2	1101.8	1136.2
-62.5°	505.3	559.6	613.2	668.0	725.7	782.4	836.2	890.6	946.2	994.5	1036.6
-65°	446.4	497.4	545.8	594.0	642.4	692.9	742.1	789.6	837.4	883.6	925.1
-67.5°	386.2	432.9	477.2	519.3	561.9	604.9	646.6	689.2	730.3	771.7	811.2
-70°	331.5	368.8	408.1	446.0	482.2	518.7	555.6	591.2	626.0	661.6	696.9
-72.5°	277.4	310.0	341.9	373.0	405.1	436.4	466.6	495.8	525.8	556.5	585.8
-75°	225.2	251.0	278.0	304.6	330.5	355.6	380.0	404.9	430.1	455.2	479.1
-77.5°	174.7	197.2	218.4	238.2	257.3	278.2	298.3	317.7	337.8	357.7	376.7
-80°	127.5	143.4	161.5	178.6	193.7	208.0	221.8	235.0	249.4	264.8	280.5
-82.5°	86.7	98.1	109.7	121.4	131.8	141.6	151.3	161.2	171.1	181.0	190.8
-85°	48.4	52.5	59.4	66.6	73.4	79.9	86.2	92.3	98.1	103.7	108.9
-87.5°	24.2	26.2	28.2	30.1	32.0	33.7	35.5	37.1	38.7	40.2	41.6
-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: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-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°	43.0	42.5	41.7	40.8	39.7	42.5	45.2	48.0	50.7	49.1	47.4
85°	113.9	116.5	118.6	120.5	122.0	127.4	132.7	137.6	142.2	142.1	141.5
82.5°	200.5	206.9	212.4	217.4	221.8	228.1	233.9	238.8	243.0	246.1	248.8
80°	295.3	305.8	314.8	322.9	330.3	338.7	346.5	353.4	359.4	362.7	364.8
77.5°	395.6	410.9	424.6	437.7	450.0	462.3	473.5	483.4	492.1	494.1	493.6
75°	501.8	522.4	541.6	559.5	576.0	590.2	602.1	612.2	620.4	624.5	626.7
72.5°	613.7	639.0	661.7	682.1	699.7	714.3	726.9	737.9	747.1	753.0	756.5
70°	730.4	760.2	783.5	802.8	817.8	832.3	848.6	864.2	878.7	886.9	890.1
67.5°	847.3	878.3	899.7	917.2	931.0	945.3	965.8	984.3	1000.8	1011.9	1018.9
65°	961.8	994.5	1015.9	1032.7	1045.3	1059.7	1082.6	1100.9	1114.9	1126.0	1136.0
62.5°	1075.0	1107.9	1131.8	1151.7	1170.1	1185.9	1204.7	1220.1	1232.0	1243.0	1255.3
60°	1173.1	1212.1	1237.1	1257.4	1280.2	1304.8	1318.6	1330.1	1340.1	1348.9	1356.6
57.5°	1253.1	1288.0	1320.1	1344.4	1368.1	1390.9	1407.3	1418.2	1427.0	1433.5	1436.1
55°	1320.2	1356.1	1392.0	1418.3	1441.6	1463.0	1481.0	1495.1	1506.8	1516.0	1518.2
52.5°	1380.3	1420.6	1455.8	1486.2	1517.0	1542.2	1561.9	1581.1	1597.9	1611.4	1617.2
50°	1445.6	1487.9	1531.8	1572.5	1605.3	1634.1	1658.0	1685.1	1713.7	1737.3	1752.2
47.5°	1514.3	1563.0	1616.1	1666.2	1705.0	1747.6	1787.3	1827.6	1880.7	1925.3	1958.5
45°	1586.2	1648.7	1709.2	1772.9	1826.5	1907.0	1981.6	2045.7	2130.9	2208.1	2269.5
42.5°	1671.0	1748.9	1823.2	1925.3	2032.1	2141.8	2260.5	2361.7	2494.8	2630.3	2739.7
40°	1771.6	1871.1	2002.0	2139.0	2307.6	2458.6	2663.4	2845.9	3050.1	3308.4	3521.8
37.5°	1892.6	2045.9	2228.1	2419.0	2681.9	2933.1	3271.6	3628.3	3952.0	4448.9	4866.9
35°	2049.8	2264.2	2504.0	2841.9	3214.0	3684.8	4212.8	4901.8	5492.7	6330.8	7131.8
32.5°	2252.4	2528.0	2919.6	3441.3	3991.3	4845.9	5683.8	6880.2	7988.0	9316.4	10750.1
30°	2477.8	2897.2	3495.6	4211.1	5237.2	6494.4	7971.5	9809.0	11819.9	13687.0	15527.0
27.5°	2804.5	3405.5	4191.5	5346.1	6945.2	8704.1	11292.2	13786.5	16388.8	18702.1	20631.4
25°	3185.9	3980.1	5195.6	6895.7	9058.3	12070.4	15168.4	18246.9	21045.5	23467.3	25599.0
22.5°	3678.4	4820.7	6441.1	8643.2	12010.8	15621.0	19253.8	22649.3	25634.7	28331.5	30639.0
20°	4214.2	5643.5	7957.6	11241.3	15092.4	19205.4	23307.3	26924.3	30211.4	33269.1	35869.9
17.5°	4893.2	6894.9	9825.4	13764.6	18217.1	22723.4	27032.6	30957.8	34687.1	37922.7	40640.1
15°	5471.9	7997.0	11821.6	16441.5	21257.5	26011.1	30560.5	34824.1	38701.4	42021.2	44575.8
12.5°	6243.7	9232.2	13594.0	18742.8	23961.7	28963.5	33755.5	38162.2	42108.0	45391.3	47379.9
10°	6973.3	10510.9	15307.0	20676.6	26098.5	31427.8	36544.4	41063.8	44727.3	47339.1	49033.8
7.5°	7593.7	11609.9	16700.4	22239.6	27796.3	33368.0	38547.3	42944.6	46322.5	48503.7	49683.5
5°	8056.9	12431.5	17734.8	23509.6	29211.7	34881.2	40020.1	44148.1	47067.6	48687.9	49280.3
2.5°	8352.0	12913.9	18335.0	24342.9	30158.9	35838.6	41030.3	45093.6	47570.5	48644.6	48746.7
0°	8470.0	12976.3	18427.6	24780.1	30397.6	36111.4	41317.7	45482.7	47757.7	48641.4	48623.9
-2.5°	8352.0	12913.9	18335.0	24342.9	30158.9	35838.6	41030.3	45093.6	47570.5	48644.6	48746.7
-5°	8056.9	12431.5	17734.8	23509.6	29211.7	34881.2	40020.1	44148.1	47067.6	48687.9	49280.3
-7.5°	7593.7	11609.9	16700.4	22239.6	27796.3	33368.0	38547.3	42944.6	46322.5	48503.7	49683.5
-10°	6973.3	10510.9	15307.0	20676.6	26098.5	31427.8	36544.4	41063.8	44727.3	47339.1	49033.8
-12.5°	6243.7	9232.2	13594.0	18742.8	23961.7	28963.5	33755.5	38162.2	42108.0	45391.3	47379.9
-15°	5471.9	7997.0	11821.6	16441.5	21257.5	26011.1	30560.5	34824.1	38701.4	42021.2	44575.8
-17.5°	4893.2	6894.9	9825.4	13764.6	18217.1	22723.4	27032.6	30957.8	34687.1	37922.7	40640.1
-20°	4214.2	5643.5	7957.6	11241.3	15092.4	19205.4	23307.3	26924.3	30211.4	33269.1	35869.9



REPORT NUMBER: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3678.4	4820.7	6441.1	8643.2	12010.8	15621.0	19253.8	22649.3	25634.7	28331.5	30639.0
-25°	3185.9	3980.1	5195.6	6895.7	9058.3	12070.4	15168.4	18246.9	21045.5	23467.3	25599.0
-27.5°	2804.5	3405.5	4191.5	5346.1	6945.2	8704.1	11292.2	13786.5	16388.8	18702.1	20631.4
-30°	2477.8	2897.2	3495.6	4211.1	5237.2	6494.4	7971.5	9809.0	11819.9	13687.0	15527.0
-32.5°	2252.4	2528.0	2919.6	3441.3	3991.3	4845.9	5683.8	6880.2	7988.0	9316.4	10750.1
-35°	2049.8	2264.2	2504.0	2841.9	3214.0	3684.8	4212.8	4901.8	5492.7	6330.8	7131.8
-37.5°	1892.6	2045.9	2228.1	2419.0	2681.9	2933.1	3271.6	3628.3	3952.0	4448.9	4866.9
-40°	1771.6	1871.1	2002.0	2139.0	2307.6	2458.6	2663.4	2845.9	3050.1	3308.4	3521.8
-42.5°	1671.0	1748.9	1823.2	1925.3	2032.1	2141.8	2260.5	2361.7	2494.8	2630.3	2739.7
-45°	1586.2	1648.7	1709.2	1772.9	1826.5	1907.0	1981.6	2045.7	2130.9	2208.1	2269.5
-47.5°	1514.3	1563.0	1616.1	1666.2	1705.0	1747.6	1787.3	1827.6	1880.7	1925.3	1958.5
-50°	1445.6	1487.9	1531.8	1572.5	1605.3	1634.1	1658.0	1685.1	1713.7	1737.3	1752.2
-52.5°	1380.3	1420.6	1455.8	1486.2	1517.0	1542.2	1561.9	1581.1	1597.9	1611.4	1617.2
-55°	1320.2	1356.1	1392.0	1418.3	1441.6	1463.0	1481.0	1495.1	1506.8	1516.0	1518.2
-57.5°	1253.1	1288.0	1320.1	1344.4	1368.1	1390.9	1407.3	1418.2	1427.0	1433.5	1436.1
-60°	1173.1	1212.1	1237.1	1257.4	1280.2	1304.8	1318.6	1330.1	1340.1	1348.9	1356.6
-62.5°	1075.0	1107.9	1131.8	1151.7	1170.1	1185.9	1204.7	1220.1	1232.0	1243.0	1255.3
-65°	961.8	994.5	1015.9	1032.7	1045.3	1059.7	1082.6	1100.9	1114.9	1126.0	1136.0
-67.5°	847.3	878.3	899.7	917.2	931.0	945.3	965.8	984.3	1000.8	1011.9	1018.9
-70°	730.4	760.2	783.5	802.8	817.8	832.3	848.6	864.2	878.7	886.9	890.1
-72.5°	613.7	639.0	661.7	682.1	699.7	714.3	726.9	737.9	747.1	753.0	756.5
-75°	501.8	522.4	541.6	559.5	576.0	590.2	602.1	612.2	620.4	624.5	626.7
-77.5°	395.6	410.9	424.6	437.7	450.0	462.3	473.5	483.4	492.1	494.1	493.6
-80°	295.3	305.8	314.8	322.9	330.3	338.7	346.5	353.4	359.4	362.7	364.8
-82.5°	200.5	206.9	212.4	217.4	221.8	228.1	233.9	238.8	243.0	246.1	248.8
-85°	113.9	116.5	118.6	120.5	122.0	127.4	132.7	137.6	142.2	142.1	141.5
-87.5°	43.0	42.5	41.7	40.8	39.7	42.5	45.2	48.0	50.7	49.1	47.4
-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: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-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°	45.6	43.6	43.8	43.8	43.8	43.6	45.6	47.4	49.1	50.7	48.0
85°	140.6	139.3	135.5	131.3	135.5	139.3	140.6	141.5	142.1	142.2	137.6
82.5°	250.9	252.5	249.1	245.0	249.1	252.5	250.9	248.8	246.1	243.0	238.8
80°	365.8	365.8	362.8	358.8	362.8	365.8	365.8	364.8	362.7	359.4	353.4
77.5°	491.5	487.9	489.4	490.0	489.4	487.9	491.5	493.6	494.1	492.1	483.4
75°	627.6	627.0	625.0	621.3	625.0	627.0	627.6	626.7	624.5	620.4	612.2
72.5°	758.2	758.1	756.2	752.5	756.2	758.1	758.2	756.5	753.0	747.1	737.9
70°	890.8	889.2	891.4	892.5	891.4	889.2	890.8	890.1	886.9	878.7	864.2
67.5°	1024.3	1027.8	1027.3	1023.8	1027.3	1027.8	1024.3	1018.9	1011.9	1000.8	984.3
65°	1144.1	1150.0	1153.7	1155.0	1153.7	1150.0	1144.1	1136.0	1126.0	1114.9	1100.9
62.5°	1265.0	1271.9	1272.4	1268.8	1272.4	1271.9	1265.0	1255.3	1243.0	1232.0	1220.1
60°	1360.8	1361.9	1360.2	1356.3	1360.2	1361.9	1360.8	1356.6	1348.9	1340.1	1330.1
57.5°	1436.0	1433.5	1430.5	1426.3	1430.5	1433.5	1436.0	1436.1	1433.5	1427.0	1418.2
55°	1517.0	1512.8	1509.2	1505.0	1509.2	1512.8	1517.0	1518.2	1516.0	1506.8	1495.1
52.5°	1618.5	1616.3	1613.8	1610.0	1613.8	1616.3	1618.5	1617.2	1611.4	1597.9	1581.1
50°	1759.7	1761.9	1761.8	1758.8	1761.8	1761.9	1759.7	1752.2	1737.3	1713.7	1685.1
47.5°	1979.4	1991.1	1999.0	2003.8	1999.0	1991.1	1979.4	1958.5	1925.3	1880.7	1827.6
45°	2308.8	2332.2	2348.7	2362.5	2348.7	2332.2	2308.8	2269.5	2208.1	2130.9	2045.7
42.5°	2816.8	2869.1	2893.8	2887.5	2893.8	2869.1	2816.8	2739.7	2630.3	2494.8	2361.7
40°	3664.0	3748.5	3795.2	3832.5	3795.2	3748.5	3664.0	3521.8	3308.4	3050.1	2845.9
37.5°	5152.3	5316.2	5402.5	5477.5	5402.5	5316.2	5152.3	4866.9	4448.9	3952.0	3628.3
35°	7730.2	8098.9	8296.4	8365.0	8296.4	8098.9	7730.2	7131.8	6330.8	5492.7	4901.8
32.5°	11865.8	12545.9	12922.0	13212.6	12922.0	12545.9	11865.8	10750.1	9316.4	7988.0	6880.2
30°	16983.9	17879.7	18377.2	18620.1	18377.2	17879.7	16983.9	15527.0	13687.0	11819.9	9809.0
27.5°	22230.5	23248.9	23785.3	23756.3	23785.3	23248.9	22230.5	20631.4	18702.1	16388.8	13786.5
25°	27426.5	28606.1	29140.5	29618.9	29140.5	28606.1	27426.5	25599.0	23467.3	21045.5	18246.9
22.5°	32681.6	34060.9	34813.4	35166.4	34813.4	34060.9	32681.6	30639.0	28331.5	25634.7	22649.3
20°	37874.2	39409.6	40208.6	40556.4	40208.6	39409.6	37874.2	35869.9	33269.1	30211.4	26924.3
17.5°	42479.5	43978.3	44739.9	45062.7	44739.9	43978.3	42479.5	40640.1	37922.7	34687.1	30957.8
15°	46156.7	47262.3	47909.9	48081.4	47909.9	47262.3	46156.7	44575.8	42021.2	38701.4	34824.1
12.5°	48698.6	49126.9	49438.3	49533.9	49438.3	49126.9	48698.6	47379.9	45391.3	42108.0	38162.2
10°	49998.1	49804.9	49725.0	49735.2	49725.0	49804.9	49998.1	49033.8	47339.1	44727.3	41063.8
7.5°	49908.7	49622.6	49047.9	48956.4	49047.9	49622.6	49908.7	49683.5	48503.7	46322.5	42944.6
5°	49191.7	48670.7	47716.9	47442.7	47716.9	48670.7	49191.7	49280.3	48687.9	47067.6	44148.1
2.5°	48356.0	47416.8	46538.1	45972.7	46538.1	47416.8	48356.0	48746.7	48644.6	47570.5	45093.6
0°	48107.7	47022.7	45885.2	45517.7	45885.2	47022.7	48107.7	48623.9	48641.4	47757.7	45482.7
-2.5°	48356.0	47416.8	46538.1	45972.7	46538.1	47416.8	48356.0	48746.7	48644.6	47570.5	45093.6
-5°	49191.7	48670.7	47716.9	47442.7	47716.9	48670.7	49191.7	49280.3	48687.9	47067.6	44148.1
-7.5°	49908.7	49622.6	49047.9	48956.4	49047.9	49622.6	49908.7	49683.5	48503.7	46322.5	42944.6
-10°	49998.1	49804.9	49725.0	49735.2	49725.0	49804.9	49998.1	49033.8	47339.1	44727.3	41063.8
-12.5°	48698.6	49126.9	49438.3	49533.9	49438.3	49126.9	48698.6	47379.9	45391.3	42108.0	38162.2
-15°	46156.7	47262.3	47909.9	48081.4	47909.9	47262.3	46156.7	44575.8	42021.2	38701.4	34824.1
-17.5°	42479.5	43978.3	44739.9	45062.7	44739.9	43978.3	42479.5	40640.1	37922.7	34687.1	30957.8
-20°	37874.2	39409.6	40208.6	40556.4	40208.6	39409.6	37874.2	35869.9	33269.1	30211.4	26924.3



REPORT NUMBER: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-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°	32681.6	34060.9	34813.4	35166.4	34813.4	34060.9	32681.6	30639.0	28331.5	25634.7	22649.3
-25°	27426.5	28606.1	29140.5	29618.9	29140.5	28606.1	27426.5	25599.0	23467.3	21045.5	18246.9
-27.5°	22230.5	23248.9	23785.3	23756.3	23785.3	23248.9	22230.5	20631.4	18702.1	16388.8	13786.5
-30°	16983.9	17879.7	18377.2	18620.1	18377.2	17879.7	16983.9	15527.0	13687.0	11819.9	9809.0
-32.5°	11865.8	12545.9	12922.0	13212.6	12922.0	12545.9	11865.8	10750.1	9316.4	7988.0	6880.2
-35°	7730.2	8098.9	8296.4	8365.0	8296.4	8098.9	7730.2	7131.8	6330.8	5492.7	4901.8
-37.5°	5152.3	5316.2	5402.5	5477.5	5402.5	5316.2	5152.3	4866.9	4448.9	3952.0	3628.3
-40°	3664.0	3748.5	3795.2	3832.5	3795.2	3748.5	3664.0	3521.8	3308.4	3050.1	2845.9
-42.5°	2816.8	2869.1	2893.8	2887.5	2893.8	2869.1	2816.8	2739.7	2630.3	2494.8	2361.7
-45°	2308.8	2332.2	2348.7	2362.5	2348.7	2332.2	2308.8	2269.5	2208.1	2130.9	2045.7
-47.5°	1979.4	1991.1	1999.0	2003.8	1999.0	1991.1	1979.4	1958.5	1925.3	1880.7	1827.6
-50°	1759.7	1761.9	1761.8	1758.8	1761.8	1761.9	1759.7	1752.2	1737.3	1713.7	1685.1
-52.5°	1618.5	1616.3	1613.8	1610.0	1613.8	1616.3	1618.5	1617.2	1611.4	1597.9	1581.1
-55°	1517.0	1512.8	1509.2	1505.0	1509.2	1512.8	1517.0	1518.2	1516.0	1506.8	1495.1
-57.5°	1436.0	1433.5	1430.5	1426.3	1430.5	1433.5	1436.0	1436.1	1433.5	1427.0	1418.2
-60°	1360.8	1361.9	1360.2	1356.3	1360.2	1361.9	1360.8	1356.6	1348.9	1340.1	1330.1
-62.5°	1265.0	1271.9	1272.4	1268.8	1272.4	1271.9	1265.0	1255.3	1243.0	1232.0	1220.1
-65°	1144.1	1150.0	1153.7	1155.0	1153.7	1150.0	1144.1	1136.0	1126.0	1114.9	1100.9
-67.5°	1024.3	1027.8	1027.3	1023.8	1027.3	1027.8	1024.3	1018.9	1011.9	1000.8	984.3
-70°	890.8	889.2	891.4	892.5	891.4	889.2	890.8	890.1	886.9	878.7	864.2
-72.5°	758.2	758.1	756.2	752.5	756.2	758.1	758.2	756.5	753.0	747.1	737.9
-75°	627.6	627.0	625.0	621.3	625.0	627.0	627.6	626.7	624.5	620.4	612.2
-77.5°	491.5	487.9	489.4	490.0	489.4	487.9	491.5	493.6	494.1	492.1	483.4
-80°	365.8	365.8	362.8	358.8	362.8	365.8	365.8	364.8	362.7	359.4	353.4
-82.5°	250.9	252.5	249.1	245.0	249.1	252.5	250.9	248.8	246.1	243.0	238.8
-85°	140.6	139.3	135.5	131.3	135.5	139.3	140.6	141.5	142.1	142.2	137.6
-87.5°	45.6	43.6	43.8	43.8	43.8	43.6	45.6	47.4	49.1	50.7	48.0
-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: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-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°	45.2	42.5	39.7	40.8	41.7	42.5	43.0	41.6	40.2	38.7	37.1
85°	132.7	127.4	122.0	120.5	118.6	116.5	113.9	108.9	103.7	98.1	92.3
82.5°	233.9	228.1	221.8	217.4	212.4	206.9	200.5	190.8	181.0	171.1	161.2
80°	346.5	338.7	330.3	322.9	314.8	305.8	295.3	280.5	264.8	249.4	235.0
77.5°	473.5	462.3	450.0	437.7	424.6	410.9	395.6	376.7	357.7	337.8	317.7
75°	602.1	590.2	576.0	559.5	541.6	522.4	501.8	479.1	455.2	430.1	404.9
72.5°	726.9	714.3	699.7	682.1	661.7	639.0	613.7	585.8	556.5	525.8	495.8
70°	848.6	832.3	817.8	802.8	783.5	760.2	730.4	696.9	661.6	626.0	591.2
67.5°	965.8	945.3	931.0	917.2	899.7	878.3	847.3	811.2	771.7	730.3	689.2
65°	1082.6	1059.7	1045.3	1032.7	1015.9	994.5	961.8	925.1	883.6	837.4	789.6
62.5°	1204.7	1185.9	1170.1	1151.7	1131.8	1107.9	1075.0	1036.6	994.5	946.2	890.6
60°	1318.6	1304.8	1280.2	1257.4	1237.1	1212.1	1173.1	1136.2	1101.8	1046.2	986.5
57.5°	1407.3	1390.9	1368.1	1344.4	1320.1	1288.0	1253.1	1218.2	1178.3	1131.4	1075.9
55°	1481.0	1463.0	1441.6	1418.3	1392.0	1356.1	1320.2	1282.9	1244.4	1205.3	1151.1
52.5°	1561.9	1542.2	1517.0	1486.2	1455.8	1420.6	1380.3	1340.6	1304.7	1264.7	1220.3
50°	1658.0	1634.1	1605.3	1572.5	1531.8	1487.9	1445.6	1399.3	1361.6	1322.7	1277.5
47.5°	1787.3	1747.6	1705.0	1666.2	1616.1	1563.0	1514.3	1466.6	1422.1	1380.1	1333.9
45°	1981.6	1907.0	1826.5	1772.9	1709.2	1648.7	1586.2	1532.6	1481.5	1434.1	1390.8
42.5°	2260.5	2141.8	2032.1	1925.3	1823.2	1748.9	1671.0	1604.4	1542.7	1486.5	1435.7
40°	2663.4	2458.6	2307.6	2139.0	2002.0	1871.1	1771.6	1680.9	1609.5	1542.7	1481.0
37.5°	3271.6	2933.1	2681.9	2419.0	2228.1	2045.9	1892.6	1774.5	1677.5	1600.1	1528.4
35°	4212.8	3684.8	3214.0	2841.9	2504.0	2264.2	2049.8	1884.4	1760.2	1659.0	1575.3
32.5°	5683.8	4845.9	3991.3	3441.3	2919.6	2528.0	2252.4	2024.6	1848.8	1728.4	1627.7
30°	7971.5	6494.4	5237.2	4211.1	3495.6	2897.2	2477.8	2199.3	1974.4	1798.6	1680.8
27.5°	11292.2	8704.1	6945.2	5346.1	4191.5	3405.5	2804.5	2386.2	2106.6	1896.9	1741.8
25°	15168.4	12070.4	9058.3	6895.7	5195.6	3980.1	3185.9	2648.0	2270.1	1999.3	1795.4
22.5°	19253.8	15621.0	12010.8	8643.2	6441.1	4820.7	3678.4	2912.0	2424.6	2108.4	1873.3
20°	23307.3	19205.4	15092.4	11241.3	7957.6	5643.5	4214.2	3262.4	2640.2	2230.6	1947.2
17.5°	27032.6	22723.4	18217.1	13764.6	9825.4	6894.9	4893.2	3616.7	2828.3	2339.3	2011.2
15°	30560.5	26011.1	21257.5	16441.5	11821.6	7997.0	5471.9	3925.3	3024.0	2465.5	2094.8
12.5°	33755.5	28963.5	23961.7	18742.8	13594.0	9232.2	6243.7	4380.2	3264.3	2596.6	2173.7
10°	36544.4	31427.8	26098.5	20676.6	15307.0	10510.9	6973.3	4768.2	3472.5	2705.1	2238.3
7.5°	38547.3	33368.0	27796.3	22239.6	16700.4	11609.9	7593.7	5075.4	3636.0	2788.4	2288.0
5°	40020.1	34881.2	29211.7	23509.6	17734.8	12431.5	8056.9	5291.4	3752.9	2845.9	2322.5
2.5°	41030.3	35838.6	30158.9	24342.9	18335.0	12913.9	8352.0	5407.5	3808.2	2891.1	2341.6
0°	41317.7	36111.4	30397.6	24780.1	18427.6	12976.3	8470.0	5425.0	3806.3	2913.8	2345.0
-2.5°	41030.3	35838.6	30158.9	24342.9	18335.0	12913.9	8352.0	5407.5	3808.2	2891.1	2341.6
-5°	40020.1	34881.2	29211.7	23509.6	17734.8	12431.5	8056.9	5291.4	3752.9	2845.9	2322.5
-7.5°	38547.3	33368.0	27796.3	22239.6	16700.4	11609.9	7593.7	5075.4	3636.0	2788.4	2288.0
-10°	36544.4	31427.8	26098.5	20676.6	15307.0	10510.9	6973.3	4768.2	3472.5	2705.1	2238.3
-12.5°	33755.5	28963.5	23961.7	18742.8	13594.0	9232.2	6243.7	4380.2	3264.3	2596.6	2173.7
-15°	30560.5	26011.1	21257.5	16441.5	11821.6	7997.0	5471.9	3925.3	3024.0	2465.5	2094.8
-17.5°	27032.6	22723.4	18217.1	13764.6	9825.4	6894.9	4893.2	3616.7	2828.3	2339.3	2011.2
-20°	23307.3	19205.4	15092.4	11241.3	7957.6	5643.5	4214.2	3262.4	2640.2	2230.6	1947.2



REPORT NUMBER: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	19253.8	15621.0	12010.8	8643.2	6441.1	4820.7	3678.4	2912.0	2424.6	2108.4	1873.3
-25°	15168.4	12070.4	9058.3	6895.7	5195.6	3980.1	3185.9	2648.0	2270.1	1999.3	1795.4
-27.5°	11292.2	8704.1	6945.2	5346.1	4191.5	3405.5	2804.5	2386.2	2106.6	1896.9	1741.8
-30°	7971.5	6494.4	5237.2	4211.1	3495.6	2897.2	2477.8	2199.3	1974.4	1798.6	1680.8
-32.5°	5683.8	4845.9	3991.3	3441.3	2919.6	2528.0	2252.4	2024.6	1848.8	1728.4	1627.7
-35°	4212.8	3684.8	3214.0	2841.9	2504.0	2264.2	2049.8	1884.4	1760.2	1659.0	1575.3
-37.5°	3271.6	2933.1	2681.9	2419.0	2228.1	2045.9	1892.6	1774.5	1677.5	1600.1	1528.4
-40°	2663.4	2458.6	2307.6	2139.0	2002.0	1871.1	1771.6	1680.9	1609.5	1542.7	1481.0
-42.5°	2260.5	2141.8	2032.1	1925.3	1823.2	1748.9	1671.0	1604.4	1542.7	1486.5	1435.7
-45°	1981.6	1907.0	1826.5	1772.9	1709.2	1648.7	1586.2	1532.6	1481.5	1434.1	1390.8
-47.5°	1787.3	1747.6	1705.0	1666.2	1616.1	1563.0	1514.3	1466.6	1422.1	1380.1	1333.9
-50°	1658.0	1634.1	1605.3	1572.5	1531.8	1487.9	1445.6	1399.3	1361.6	1322.7	1277.5
-52.5°	1561.9	1542.2	1517.0	1486.2	1455.8	1420.6	1380.3	1340.6	1304.7	1264.7	1220.3
-55°	1481.0	1463.0	1441.6	1418.3	1392.0	1356.1	1320.2	1282.9	1244.4	1205.3	1151.1
-57.5°	1407.3	1390.9	1368.1	1344.4	1320.1	1288.0	1253.1	1218.2	1178.3	1131.4	1075.9
-60°	1318.6	1304.8	1280.2	1257.4	1237.1	1212.1	1173.1	1136.2	1101.8	1046.2	986.5
-62.5°	1204.7	1185.9	1170.1	1151.7	1131.8	1107.9	1075.0	1036.6	994.5	946.2	890.6
-65°	1082.6	1059.7	1045.3	1032.7	1015.9	994.5	961.8	925.1	883.6	837.4	789.6
-67.5°	965.8	945.3	931.0	917.2	899.7	878.3	847.3	811.2	771.7	730.3	689.2
-70°	848.6	832.3	817.8	802.8	783.5	760.2	730.4	696.9	661.6	626.0	591.2
-72.5°	726.9	714.3	699.7	682.1	661.7	639.0	613.7	585.8	556.5	525.8	495.8
-75°	602.1	590.2	576.0	559.5	541.6	522.4	501.8	479.1	455.2	430.1	404.9
-77.5°	473.5	462.3	450.0	437.7	424.6	410.9	395.6	376.7	357.7	337.8	317.7
-80°	346.5	338.7	330.3	322.9	314.8	305.8	295.3	280.5	264.8	249.4	235.0
-82.5°	233.9	228.1	221.8	217.4	212.4	206.9	200.5	190.8	181.0	171.1	161.2
-85°	132.7	127.4	122.0	120.5	118.6	116.5	113.9	108.9	103.7	98.1	92.3
-87.5°	45.2	42.5	39.7	40.8	41.7	42.5	43.0	41.6	40.2	38.7	37.1
-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: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-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°	35.5	33.7	32.0	30.1	28.2	26.2	24.2	22.2	19.2	16.5	13.8
85°	86.2	79.9	73.4	66.6	59.4	52.5	48.4	44.3	38.4	32.9	27.6
82.5°	151.3	141.6	131.8	121.4	109.7	98.1	86.7	75.6	63.2	50.2	41.3
80°	221.8	208.0	193.7	178.6	161.5	143.4	127.5	112.2	97.2	81.2	64.3
77.5°	298.3	278.2	257.3	238.2	218.4	197.2	174.7	151.3	131.0	112.2	92.1
75°	380.0	355.6	330.5	304.6	278.0	251.0	225.2	198.3	171.1	143.6	119.7
72.5°	466.6	436.4	405.1	373.0	341.9	310.0	277.4	244.7	213.2	181.1	148.6
70°	555.6	518.7	482.2	446.0	408.1	368.8	331.5	293.2	254.8	218.2	181.1
67.5°	646.6	604.9	561.9	519.3	477.2	432.9	386.2	341.3	297.6	254.8	213.2
65°	742.1	692.9	642.4	594.0	545.8	497.4	446.4	390.4	339.5	291.6	244.7
62.5°	836.2	782.4	725.7	668.0	613.2	559.6	505.3	443.1	381.7	327.6	275.8
60°	927.3	867.0	806.0	742.3	679.8	619.8	559.5	494.5	427.5	362.6	306.1
57.5°	1010.8	947.6	879.5	812.3	745.0	678.6	611.9	542.9	472.0	400.7	335.5
55°	1089.2	1020.3	949.2	876.7	806.1	735.3	663.0	589.3	514.8	438.6	364.4
52.5°	1162.9	1090.9	1015.4	938.4	862.0	789.0	712.6	634.5	555.4	475.2	396.1
50°	1227.3	1159.6	1079.7	998.3	915.6	838.4	760.8	678.2	594.7	510.3	427.1
47.5°	1281.3	1219.2	1142.0	1056.3	969.3	886.8	805.9	720.4	632.6	544.0	456.8
45°	1334.2	1274.3	1199.6	1112.2	1022.3	935.1	849.3	761.1	669.1	576.5	485.1
42.5°	1383.7	1323.9	1254.2	1165.8	1073.0	981.6	891.4	799.5	704.0	607.4	512.1
40°	1425.9	1367.3	1305.5	1217.4	1120.8	1025.5	931.5	836.4	737.4	636.8	537.6
37.5°	1467.0	1407.0	1343.3	1265.9	1165.6	1066.6	969.1	871.8	769.6	665.3	561.6
35°	1506.8	1444.7	1377.2	1303.6	1207.3	1105.0	1004.2	904.9	799.8	692.5	584.1
32.5°	1542.4	1478.5	1408.4	1334.1	1245.7	1140.5	1036.7	934.0	827.8	718.3	605.0
30°	1584.7	1507.0	1436.5	1364.1	1278.6	1172.9	1066.8	961.2	853.6	742.5	624.6
27.5°	1625.2	1534.3	1461.7	1389.0	1304.4	1202.4	1094.6	986.3	877.2	764.6	644.0
25°	1664.3	1565.5	1485.0	1409.9	1329.1	1230.6	1120.2	1009.3	898.0	783.9	661.9
22.5°	1709.3	1594.1	1506.9	1428.0	1352.7	1256.1	1143.3	1030.1	916.5	801.1	678.3
20°	1749.5	1617.7	1527.0	1445.1	1370.5	1275.3	1164.0	1048.7	933.1	816.4	693.1
17.5°	1788.6	1644.5	1546.7	1461.6	1383.8	1292.2	1182.1	1064.9	947.6	829.6	706.3
15°	1842.9	1675.1	1563.8	1475.6	1395.0	1306.5	1197.6	1078.8	959.9	840.8	718.1
12.5°	1889.4	1700.8	1577.9	1487.0	1404.1	1318.4	1210.5	1090.4	970.2	850.8	728.5
10°	1927.2	1721.3	1588.9	1495.9	1411.2	1327.7	1220.6	1100.1	979.9	859.5	737.1
7.5°	1955.9	1736.6	1596.8	1502.2	1416.0	1334.6	1230.0	1108.8	987.6	866.3	743.8
5°	1975.4	1746.6	1603.4	1505.8	1418.7	1338.7	1236.9	1115.0	993.1	871.1	748.7
2.5°	1985.6	1751.1	1608.3	1506.7	1419.2	1340.1	1241.1	1118.8	996.4	874.0	751.5
0°	1986.3	1750.0	1610.0	1505.0	1417.5	1338.8	1242.5	1120.0	997.5	875.0	752.5
-2.5°	1985.6	1751.1	1608.3	1506.7	1419.2	1340.1	1241.1	1118.8	996.4	874.0	751.5
-5°	1975.4	1746.6	1603.4	1505.8	1418.7	1338.7	1236.9	1115.0	993.1	871.1	748.7
-7.5°	1955.9	1736.6	1596.8	1502.2	1416.0	1334.6	1230.0	1108.8	987.6	866.3	743.8
-10°	1927.2	1721.3	1588.9	1495.9	1411.2	1327.7	1220.6	1100.1	979.9	859.5	737.1
-12.5°	1889.4	1700.8	1577.9	1487.0	1404.1	1318.4	1210.5	1090.4	970.2	850.8	728.5
-15°	1842.9	1675.1	1563.8	1475.6	1395.0	1306.5	1197.6	1078.8	959.9	840.8	718.1
-17.5°	1788.6	1644.5	1546.7	1461.6	1383.8	1292.2	1182.1	1064.9	947.6	829.6	706.3
-20°	1749.5	1617.7	1527.0	1445.1	1370.5	1275.3	1164.0	1048.7	933.1	816.4	693.1



REPORT NUMBER: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-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°	1709.3	1594.1	1506.9	1428.0	1352.7	1256.1	1143.3	1030.1	916.5	801.1	678.3
-25°	1664.3	1565.5	1485.0	1409.9	1329.1	1230.6	1120.2	1009.3	898.0	783.9	661.9
-27.5°	1625.2	1534.3	1461.7	1389.0	1304.4	1202.4	1094.6	986.3	877.2	764.6	644.0
-30°	1584.7	1507.0	1436.5	1364.1	1278.6	1172.9	1066.8	961.2	853.6	742.5	624.6
-32.5°	1542.4	1478.5	1408.4	1334.1	1245.7	1140.5	1036.7	934.0	827.8	718.3	605.0
-35°	1506.8	1444.7	1377.2	1303.6	1207.3	1105.0	1004.2	904.9	799.8	692.5	584.1
-37.5°	1467.0	1407.0	1343.3	1265.9	1165.6	1066.6	969.1	871.8	769.6	665.3	561.6
-40°	1425.9	1367.3	1305.5	1217.4	1120.8	1025.5	931.5	836.4	737.4	636.8	537.6
-42.5°	1383.7	1323.9	1254.2	1165.8	1073.0	981.6	891.4	799.5	704.0	607.4	512.1
-45°	1334.2	1274.3	1199.6	1112.2	1022.3	935.1	849.3	761.1	669.1	576.5	485.1
-47.5°	1281.3	1219.2	1142.0	1056.3	969.3	886.8	805.9	720.4	632.6	544.0	456.8
-50°	1227.3	1159.6	1079.7	998.3	915.6	838.4	760.8	678.2	594.7	510.3	427.1
-52.5°	1162.9	1090.9	1015.4	938.4	862.0	789.0	712.6	634.5	555.4	475.2	396.1
-55°	1089.2	1020.3	949.2	876.7	806.1	735.3	663.0	589.3	514.8	438.6	364.4
-57.5°	1010.8	947.6	879.5	812.3	745.0	678.6	611.9	542.9	472.0	400.7	335.5
-60°	927.3	867.0	806.0	742.3	679.8	619.8	559.5	494.5	427.5	362.6	306.1
-62.5°	836.2	782.4	725.7	668.0	613.2	559.6	505.3	443.1	381.7	327.6	275.8
-65°	742.1	692.9	642.4	594.0	545.8	497.4	446.4	390.4	339.5	291.6	244.7
-67.5°	646.6	604.9	561.9	519.3	477.2	432.9	386.2	341.3	297.6	254.8	213.2
-70°	555.6	518.7	482.2	446.0	408.1	368.8	331.5	293.2	254.8	218.2	181.1
-72.5°	466.6	436.4	405.1	373.0	341.9	310.0	277.4	244.7	213.2	181.1	148.6
-75°	380.0	355.6	330.5	304.6	278.0	251.0	225.2	198.3	171.1	143.6	119.7
-77.5°	298.3	278.2	257.3	238.2	218.4	197.2	174.7	151.3	131.0	112.2	92.1
-80°	221.8	208.0	193.7	178.6	161.5	143.4	127.5	112.2	97.2	81.2	64.3
-82.5°	151.3	141.6	131.8	121.4	109.7	98.1	86.7	75.6	63.2	50.2	41.3
-85°	86.2	79.9	73.4	66.6	59.4	52.5	48.4	44.3	38.4	32.9	27.6
-87.5°	35.5	33.7	32.0	30.1	28.2	26.2	24.2	22.2	19.2	16.5	13.8
-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-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°	11.3	9.5	7.6	5.7	3.8	1.9	0.0
85°	22.6	18.9	15.2	11.4	7.6	3.8	0.0
82.5°	33.9	28.4	22.8	17.1	11.4	5.7	0.0
80°	46.7	37.7	30.3	22.8	15.2	7.6	0.0
77.5°	71.2	50.9	37.7	28.4	18.9	9.5	0.0
75°	95.4	71.2	46.7	33.9	22.6	11.3	0.0
72.5°	119.4	91.2	62.8	39.4	26.3	13.2	0.0
70°	143.6	111.0	78.6	46.1	29.9	15.0	0.0
67.5°	170.9	130.4	94.2	57.8	33.5	16.8	0.0
65°	197.6	151.0	109.5	69.3	37.0	18.5	0.0
62.5°	223.8	172.5	124.6	80.6	40.4	20.2	0.0
60°	249.2	193.4	139.3	91.6	43.8	21.9	0.0
57.5°	274.7	213.8	155.3	102.3	50.8	23.5	0.0
55°	299.6	233.5	170.9	112.8	57.6	25.1	0.0
52.5°	324.0	252.7	186.0	123.0	64.2	26.7	0.0
50°	347.7	272.6	200.5	132.8	70.6	28.1	0.0
47.5°	371.1	291.9	214.4	142.5	76.7	29.6	0.0
45°	395.3	310.5	227.7	152.5	82.5	31.0	0.0
42.5°	418.4	328.4	240.4	162.0	88.0	32.3	0.0
40°	440.3	345.6	253.3	170.7	93.3	33.5	0.0
37.5°	460.9	362.1	266.3	178.9	98.2	34.7	0.0
35°	480.2	378.1	278.7	186.6	102.8	35.9	0.0
32.5°	498.2	393.2	290.4	193.8	107.1	36.9	0.0
30°	514.9	407.2	301.3	200.5	111.0	37.9	0.0
27.5°	530.2	420.2	311.1	206.6	114.6	38.8	0.0
25°	544.1	432.0	319.9	212.2	117.9	39.7	0.0
22.5°	556.5	442.4	327.9	217.2	120.8	40.5	0.0
20°	567.6	451.4	335.0	221.7	123.3	41.2	0.0
17.5°	577.5	459.2	341.2	225.6	125.6	41.8	0.0
15°	586.5	465.8	346.5	228.9	127.4	42.3	0.0
12.5°	594.3	471.3	350.9	231.6	128.9	42.8	0.0
10°	600.7	475.7	354.3	233.8	130.1	43.1	0.0
7.5°	605.8	478.9	356.9	235.3	130.9	43.4	0.0
5°	609.5	480.9	358.4	236.2	131.4	43.6	0.0
2.5°	611.7	481.7	359.1	236.6	131.5	43.8	0.0
0°	612.5	481.3	358.8	236.3	131.3	43.8	0.0
-2.5°	611.7	481.7	359.1	236.6	131.5	43.8	0.0
-5°	609.5	480.9	358.4	236.2	131.4	43.6	0.0
-7.5°	605.8	478.9	356.9	235.3	130.9	43.4	0.0
-10°	600.7	475.7	354.3	233.8	130.1	43.1	0.0
-12.5°	594.3	471.3	350.9	231.6	128.9	42.8	0.0
-15°	586.5	465.8	346.5	228.9	127.4	42.3	0.0
-17.5°	577.5	459.2	341.2	225.6	125.6	41.8	0.0
-20°	567.6	451.4	335.0	221.7	123.3	41.2	0.0

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Scaled Data Report



REPORT NUMBER: P627927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	556.5	442.4	327.9	217.2	120.8	40.5	0.0
-25°	544.1	432.0	319.9	212.2	117.9	39.7	0.0
-27.5°	530.2	420.2	311.1	206.6	114.6	38.8	0.0
-30°	514.9	407.2	301.3	200.5	111.0	37.9	0.0
-32.5°	498.2	393.2	290.4	193.8	107.1	36.9	0.0
-35°	480.2	378.1	278.7	186.6	102.8	35.9	0.0
-37.5°	460.9	362.1	266.3	178.9	98.2	34.7	0.0
-40°	440.3	345.6	253.3	170.7	93.3	33.5	0.0
-42.5°	418.4	328.4	240.4	162.0	88.0	32.3	0.0
-45°	395.3	310.5	227.7	152.5	82.5	31.0	0.0
-47.5°	371.1	291.9	214.4	142.5	76.7	29.6	0.0
-50°	347.7	272.6	200.5	132.8	70.6	28.1	0.0
-52.5°	324.0	252.7	186.0	123.0	64.2	26.7	0.0
-55°	299.6	233.5	170.9	112.8	57.6	25.1	0.0
-57.5°	274.7	213.8	155.3	102.3	50.8	23.5	0.0
-60°	249.2	193.4	139.3	91.6	43.8	21.9	0.0
-62.5°	223.8	172.5	124.6	80.6	40.4	20.2	0.0
-65°	197.6	151.0	109.5	69.3	37.0	18.5	0.0
-67.5°	170.9	130.4	94.2	57.8	33.5	16.8	0.0
-70°	143.6	111.0	78.6	46.1	29.9	15.0	0.0
-72.5°	119.4	91.2	62.8	39.4	26.3	13.2	0.0
-75°	95.4	71.2	46.7	33.9	22.6	11.3	0.0
-77.5°	71.2	50.9	37.7	28.4	18.9	9.5	0.0
-80°	46.7	37.7	30.3	22.8	15.2	7.6	0.0
-82.5°	33.9	28.4	22.8	17.1	11.4	5.7	0.0
-85°	22.6	18.9	15.2	11.4	7.6	3.8	0.0
-87.5°	11.3	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)