

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: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-730-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-730-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N143
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

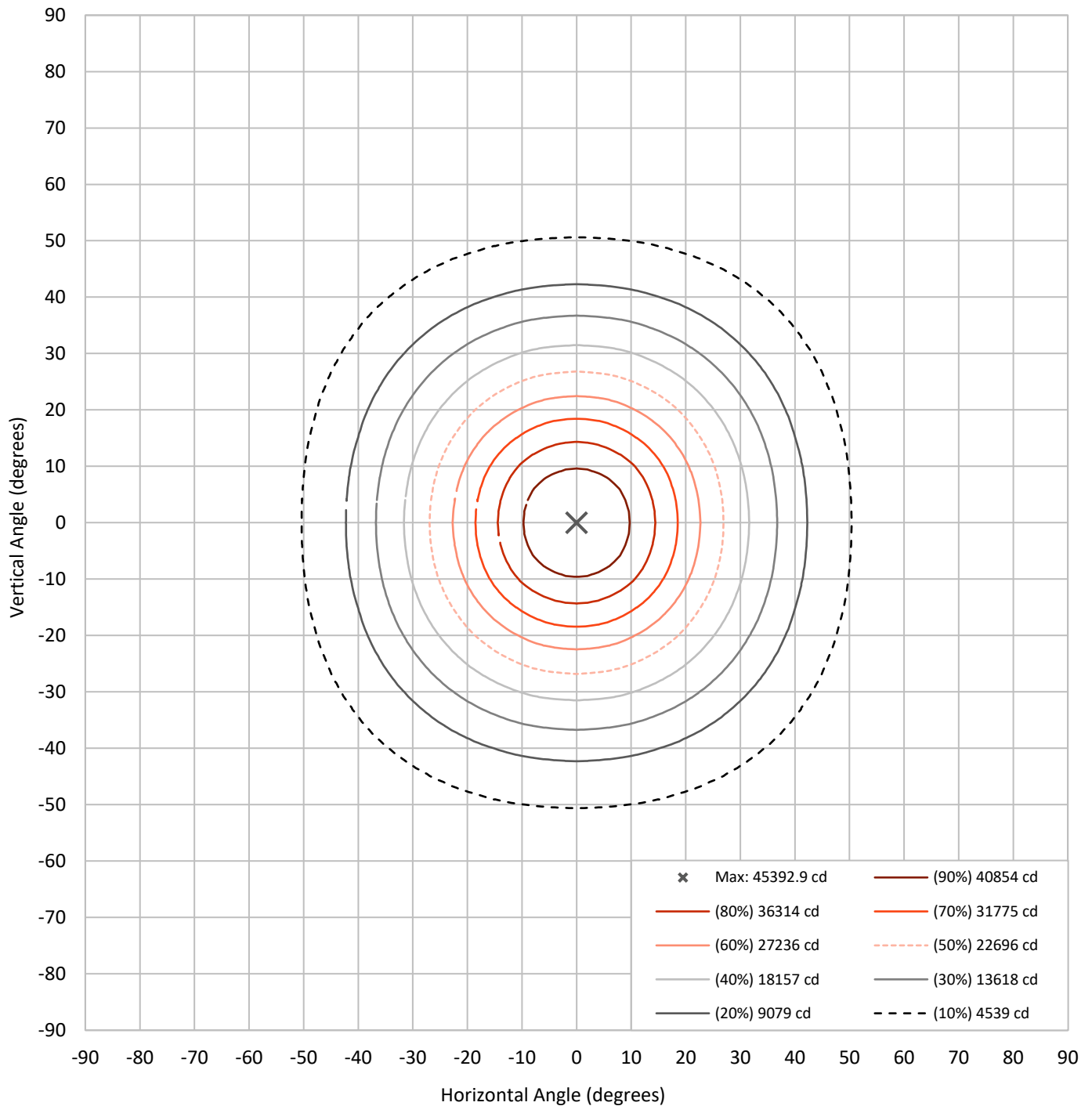
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	46199.3 lumens	Max Intensity:	45392.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	22089.7 lumens	Field Lumens:	40772.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	376.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

Iso-Candela Plot





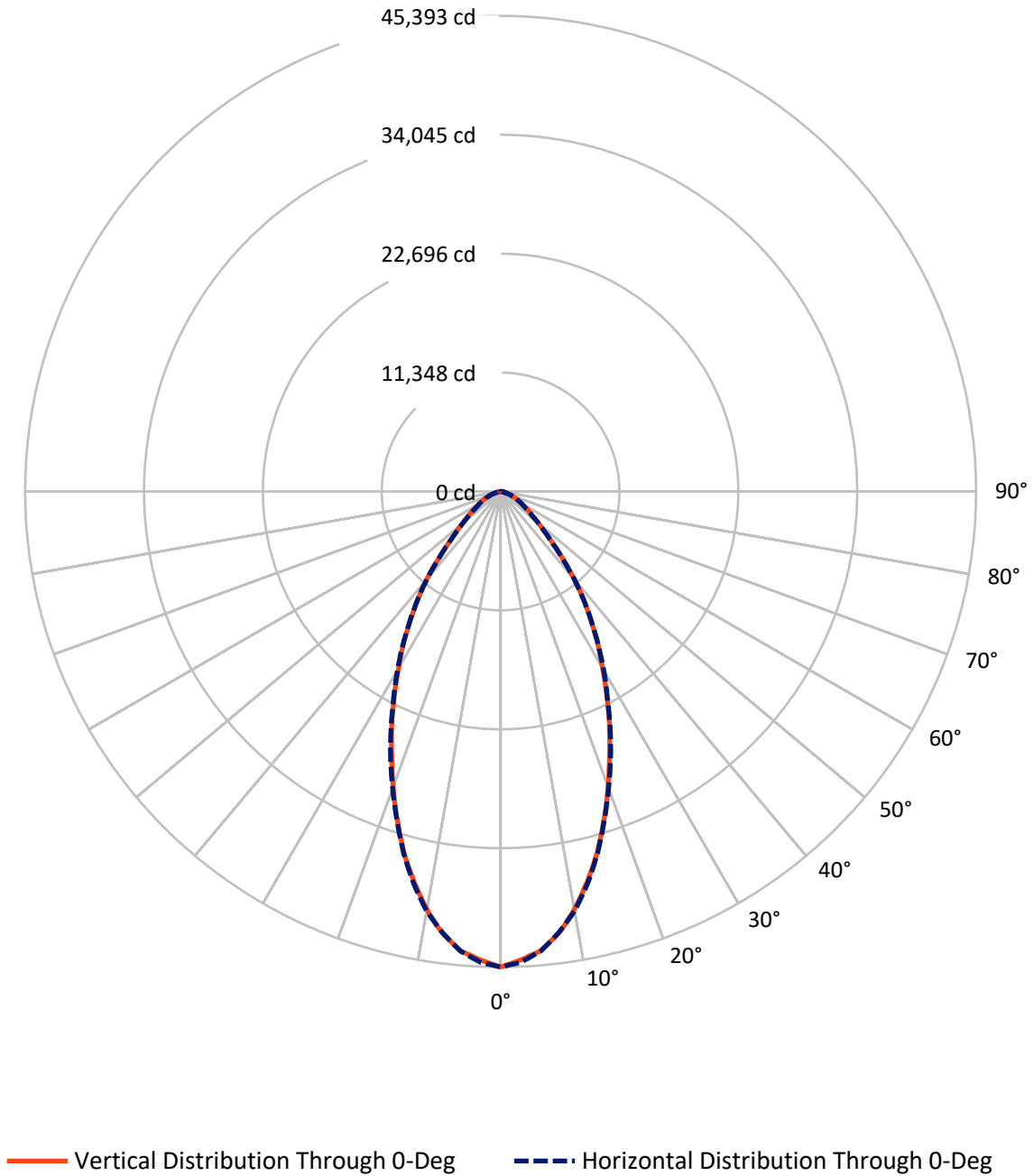
REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

Lumen Table

90																			
80	1.8	12.7		29.0		48.4		41.4		48.4		29.0		12.7		1.8			
70		7.0	13.2	21.2	30.8	40.0	46.9	50.3	50.3	46.9	40.0	30.8	21.2	13.2	7.0				
60	6.0	9.9	20.0	34.7	53.2	73.1	91.3	101.7	101.7	91.3	73.1	53.2	34.7	20.0	9.9			6.0	
50		12.7	27.7	51.7	87.2	134.1	184.9	218.7	218.7	184.9	134.1	87.2	51.7	27.7	12.7				
40	8.8	15.5	36.3	75.2	146.4	260.0	377.8	448.1	448.1	377.8	260.0	146.4	75.2	36.3	15.5			8.8	
30		18.1	45.2	105.3	236.7	425.5	608.9	727.8	727.8	608.9	425.5	236.7	105.3	45.2	18.1				
20	10.5	20.1	53.0	136.6	323.1	574.6	848.3	1043.6	1043.6	848.3	574.6	323.1	136.6	53.0	20.1			10.5	
10		21.1	57.4	156.8	372.0	668.0	1016.5	1278.4	1278.4	1016.5	668.0	372.0	156.8	57.4	21.1				
0	11.0	21.1	57.4	156.8	372.0	668.0	1016.5	1278.4	1278.4	1016.5	668.0	372.0	156.8	57.4	21.1			11.0	
-10		20.1	53.0	136.6	323.1	574.6	848.3	1043.6	1043.6	848.3	574.6	323.1	136.6	53.0	20.1				
-20	10.5	18.1	45.2	105.3	236.7	425.5	608.9	727.8	727.8	608.9	425.5	236.7	105.3	45.2	18.1			10.5	
-30		15.5	36.3	75.2	146.4	260.0	377.8	448.1	448.1	377.8	260.0	146.4	75.2	36.3	15.5				
-40	8.8	12.7	27.7	51.7	87.2	134.1	184.9	218.7	218.7	184.9	134.1	87.2	51.7	27.7	12.7			8.8	
-50		9.9	20.0	34.7	53.2	73.1	91.3	101.7	101.7	91.3	73.1	53.2	34.7	20.0	9.9				
-60	6.0	7.0	13.2	21.2	30.8	40.0	46.9	50.3	50.3	46.9	40.0	30.8	21.2	13.2	7.0			6.0	
-70		1.8	12.7		29.0		48.4		41.4		48.4		29.0		12.7		1.8		
-80																			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

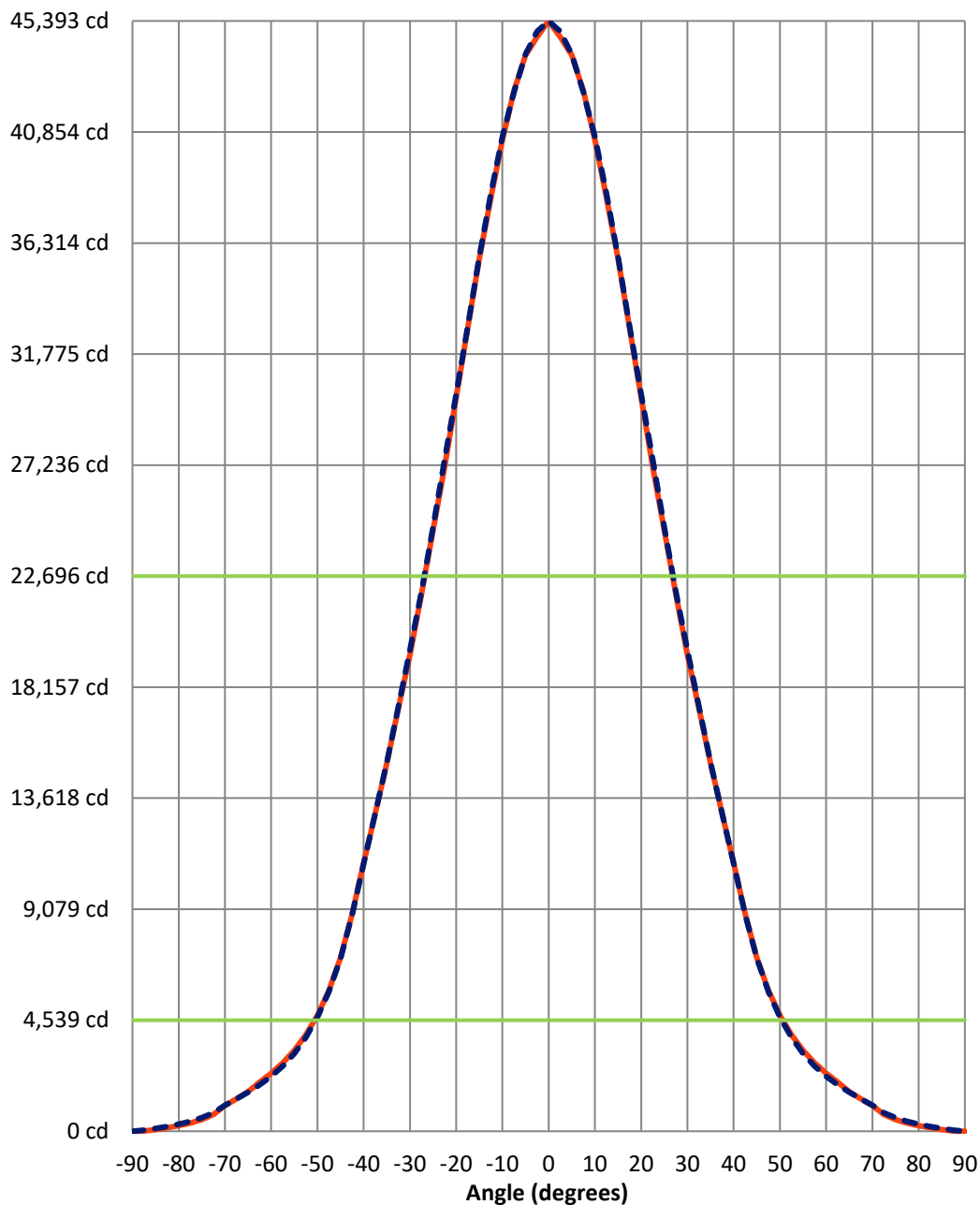
REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 22089.7
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 40772.6
 Efficiency: 88.3%

Spill:
 Lumens: 5426.8
 Efficiency: 11.7%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.3	5.3	8.7	12.5	16.8	21.6	23.9	25.8	27.3	28.5
85°	0.0	4.6	10.6	17.3	25.0	33.6	43.1	47.8	51.6	54.7	57.0
82.5°	0.0	6.9	15.9	26.0	37.4	50.2	64.4	71.6	79.0	91.5	102.6
80°	0.0	9.2	21.1	34.5	49.7	66.7	87.4	108.7	127.1	143.7	158.2
77.5°	0.0	11.4	26.2	42.9	61.8	86.7	124.8	152.3	175.2	195.8	216.2
75°	0.0	13.6	31.3	51.1	74.8	113.4	161.2	195.8	223.3	251.2	281.2
72.5°	0.0	15.8	36.2	59.2	92.6	139.2	196.3	238.5	271.6	307.2	345.1
70°	0.0	17.9	41.0	67.7	109.9	164.0	229.7	278.8	319.0	362.2	413.0
67.5°	0.0	20.0	45.7	78.2	126.3	187.7	258.6	318.3	365.5	419.1	480.0
65°	0.0	22.1	50.2	88.2	142.0	209.5	286.2	356.8	411.5	474.0	543.4
62.5°	0.0	24.0	54.6	97.8	156.8	229.4	312.2	393.4	455.5	526.5	602.4
60°	0.0	25.9	58.8	106.7	170.6	248.2	336.5	428.1	497.5	577.4	659.7
57.5°	0.0	27.8	63.9	115.1	183.4	265.6	358.5	459.3	540.0	626.5	712.4
55°	0.0	29.5	68.8	122.9	195.4	281.7	378.8	484.2	581.5	673.6	762.8
52.5°	0.0	31.2	73.5	129.9	206.3	296.3	397.5	511.3	621.4	718.4	812.1
50°	0.0	32.8	78.0	136.3	216.3	309.9	414.3	536.7	659.9	762.2	866.2
47.5°	0.0	34.3	82.3	142.2	225.2	322.0	430.0	559.9	697.9	804.8	919.4
45°	0.0	35.8	86.4	147.9	233.1	332.8	447.6	580.7	725.1	850.9	970.7
42.5°	0.0	37.1	90.2	153.1	239.9	342.2	463.3	601.1	750.0	895.3	1024.0
40°	0.0	38.4	93.8	158.7	246.0	350.1	477.0	620.9	774.8	936.6	1075.4
37.5°	0.0	39.5	97.2	164.4	251.4	356.6	488.8	638.8	801.8	969.2	1124.2
35°	0.0	40.6	100.3	169.7	255.8	363.9	498.6	654.8	827.7	1004.9	1174.1
32.5°	0.0	41.5	103.2	174.5	259.2	370.8	507.6	668.8	852.4	1041.3	1225.2
30°	0.0	42.4	105.7	178.8	261.6	376.1	517.5	682.4	875.7	1078.1	1273.3
27.5°	0.0	43.1	108.1	182.6	267.2	380.0	525.7	699.3	900.0	1114.9	1318.4
25°	0.0	43.8	110.1	185.9	272.5	382.2	532.0	714.5	927.2	1151.0	1360.5
22.5°	0.0	44.3	111.9	188.8	277.3	385.2	536.5	727.8	953.2	1184.2	1406.6
20°	0.0	44.8	113.4	191.1	281.3	392.2	539.1	739.1	977.6	1214.0	1447.8
17.5°	0.0	45.1	114.6	193.0	284.7	398.0	545.2	748.1	1000.1	1240.3	1484.1
15°	0.0	45.4	115.6	194.4	287.4	402.5	552.4	756.8	1020.3	1262.9	1515.2
12.5°	0.0	45.5	116.3	195.2	289.5	405.8	557.7	764.5	1037.5	1281.8	1541.2
10°	0.0	45.6	116.7	195.6	290.8	407.8	561.0	768.8	1050.8	1297.6	1562.1
7.5°	0.0	45.6	116.8	195.5	291.3	408.7	562.3	769.7	1060.1	1309.8	1578.5
5°	0.0	45.4	116.6	195.0	291.2	408.3	561.7	767.4	1065.2	1318.0	1589.4
2.5°	0.0	45.2	116.2	194.0	290.3	406.8	559.3	762.1	1065.9	1322.1	1594.7
0°	0.0	44.9	115.5	192.5	288.7	404.2	555.0	753.9	1061.9	1321.8	1594.5
-2.5°	0.0	45.2	116.2	194.0	290.3	406.8	559.3	762.1	1065.9	1322.1	1594.7
-5°	0.0	45.4	116.6	195.0	291.2	408.3	561.7	767.4	1065.2	1318.0	1589.4
-7.5°	0.0	45.6	116.8	195.5	291.3	408.7	562.3	769.7	1060.1	1309.8	1578.5
-10°	0.0	45.6	116.7	195.6	290.8	407.8	561.0	768.8	1050.8	1297.6	1562.1
-12.5°	0.0	45.5	116.3	195.2	289.5	405.8	557.7	764.5	1037.5	1281.8	1541.2
-15°	0.0	45.4	115.6	194.4	287.4	402.5	552.4	756.8	1020.3	1262.9	1515.2
-17.5°	0.0	45.1	114.6	193.0	284.7	398.0	545.2	748.1	1000.1	1240.3	1484.1
-20°	0.0	44.8	113.4	191.1	281.3	392.2	539.1	739.1	977.6	1214.0	1447.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	44.3	111.9	188.8	277.3	385.2	536.5	727.8	953.2	1184.2	1406.6
-25°	0.0	43.8	110.1	185.9	272.5	382.2	532.0	714.5	927.2	1151.0	1360.5
-27.5°	0.0	43.1	108.1	182.6	267.2	380.0	525.7	699.3	900.0	1114.9	1318.4
-30°	0.0	42.4	105.7	178.8	261.6	376.1	517.5	682.4	875.7	1078.1	1273.3
-32.5°	0.0	41.5	103.2	174.5	259.2	370.8	507.6	668.8	852.4	1041.3	1225.2
-35°	0.0	40.6	100.3	169.7	255.8	363.9	498.6	654.8	827.7	1004.9	1174.1
-37.5°	0.0	39.5	97.2	164.4	251.4	356.6	488.8	638.8	801.8	969.2	1124.2
-40°	0.0	38.4	93.8	158.7	246.0	350.1	477.0	620.9	774.8	936.6	1075.4
-42.5°	0.0	37.1	90.2	153.1	239.9	342.2	463.3	601.1	750.0	895.3	1024.0
-45°	0.0	35.8	86.4	147.9	233.1	332.8	447.6	580.7	725.1	850.9	970.7
-47.5°	0.0	34.3	82.3	142.2	225.2	322.0	430.0	559.9	697.9	804.8	919.4
-50°	0.0	32.8	78.0	136.3	216.3	309.9	414.3	536.7	659.9	762.2	866.2
-52.5°	0.0	31.2	73.5	129.9	206.3	296.3	397.5	511.3	621.4	718.4	812.1
-55°	0.0	29.5	68.8	122.9	195.4	281.7	378.8	484.2	581.5	673.6	762.8
-57.5°	0.0	27.8	63.9	115.1	183.4	265.6	358.5	459.3	540.0	626.5	712.4
-60°	0.0	25.9	58.8	106.7	170.6	248.2	336.5	428.1	497.5	577.4	659.7
-62.5°	0.0	24.0	54.6	97.8	156.8	229.4	312.2	393.4	455.5	526.5	602.4
-65°	0.0	22.1	50.2	88.2	142.0	209.5	286.2	356.8	411.5	474.0	543.4
-67.5°	0.0	20.0	45.7	78.2	126.3	187.7	258.6	318.3	365.5	419.1	480.0
-70°	0.0	17.9	41.0	67.7	109.9	164.0	229.7	278.8	319.0	362.2	413.0
-72.5°	0.0	15.8	36.2	59.2	92.6	139.2	196.3	238.5	271.6	307.2	345.1
-75°	0.0	13.6	31.3	51.1	74.8	113.4	161.2	195.8	223.3	251.2	281.2
-77.5°	0.0	11.4	26.2	42.9	61.8	86.7	124.8	152.3	175.2	195.8	216.2
-80°	0.0	9.2	21.1	34.5	49.7	66.7	87.4	108.7	127.1	143.7	158.2
-82.5°	0.0	6.9	15.9	26.0	37.4	50.2	64.4	71.6	79.0	91.5	102.6
-85°	0.0	4.6	10.6	17.3	25.0	33.6	43.1	47.8	51.6	54.7	57.0
-87.5°	0.0	2.3	5.3	8.7	12.5	16.8	21.6	23.9	25.8	27.3	28.5
-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: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-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°	28.9	28.9	28.5	27.6	26.4	24.8	22.8	20.5	21.3	22.1	22.9
85°	57.9	57.9	62.6	67.1	69.1	69.4	68.1	65.1	73.6	83.3	93.6
82.5°	112.9	122.8	132.0	140.7	141.6	139.4	135.1	130.0	147.2	167.9	189.7
80°	173.1	187.6	204.2	219.8	223.4	221.9	217.1	209.2	231.8	263.8	298.3
77.5°	240.3	263.2	284.5	304.2	309.9	309.1	305.5	299.1	327.9	372.2	418.3
75°	311.1	338.8	366.4	390.5	400.9	401.7	400.5	407.3	445.2	497.1	542.8
72.5°	384.9	420.3	451.3	477.9	494.5	507.2	524.0	544.6	582.9	633.8	678.7
70°	463.0	502.2	534.9	564.4	589.9	617.6	653.1	688.3	728.6	779.5	826.1
67.5°	540.0	579.8	616.7	653.0	699.4	743.7	787.9	833.9	884.7	938.2	985.4
65°	611.4	656.3	701.4	754.1	814.4	864.7	919.2	979.1	1045.6	1105.7	1160.5
62.5°	679.8	730.5	786.3	850.0	915.3	978.4	1051.5	1128.4	1206.2	1281.6	1356.3
60°	737.7	800.8	868.5	940.5	1015.9	1101.7	1187.3	1278.8	1371.8	1462.5	1555.1
57.5°	793.3	871.4	949.4	1033.3	1127.2	1225.2	1328.1	1431.1	1542.3	1652.1	1757.1
55°	851.0	943.0	1031.9	1131.1	1238.8	1354.0	1470.2	1595.1	1717.8	1856.1	1983.7
52.5°	912.7	1012.8	1117.2	1230.8	1356.5	1486.4	1622.7	1765.9	1918.7	2072.4	2228.3
50°	972.9	1085.7	1201.8	1337.8	1478.4	1626.8	1784.1	1951.0	2128.9	2306.9	2495.6
47.5°	1035.7	1156.2	1298.0	1445.7	1606.7	1775.7	1953.9	2152.3	2350.0	2574.1	2790.5
45°	1097.8	1236.2	1390.2	1561.8	1738.6	1928.8	2140.7	2358.7	2611.0	2864.1	3148.5
42.5°	1157.3	1317.1	1490.8	1674.2	1875.4	2094.0	2328.5	2602.6	2887.1	3200.4	3534.1
40°	1225.8	1394.3	1590.0	1795.0	2013.0	2262.9	2545.1	2849.3	3196.5	3567.6	3946.8
37.5°	1292.1	1481.4	1687.8	1910.1	2163.2	2444.7	2756.2	3129.2	3529.7	3951.7	4467.5
35°	1354.4	1564.3	1788.6	2032.1	2306.2	2632.3	3005.0	3417.2	3878.7	4422.9	5024.8
32.5°	1420.4	1642.8	1883.6	2156.9	2467.2	2823.5	3246.8	3731.9	4278.1	4897.8	5650.8
30°	1487.0	1723.6	1978.1	2273.8	2619.0	3031.3	3512.3	4048.4	4676.7	5454.0	6338.0
27.5°	1548.6	1799.1	2077.9	2397.7	2766.6	3222.9	3767.4	4395.9	5136.1	6014.4	7047.1
25°	1605.2	1867.9	2169.6	2515.7	2929.4	3429.9	4020.2	4716.2	5595.7	6643.1	7913.5
22.5°	1659.2	1930.6	2252.5	2621.7	3076.1	3630.1	4294.5	5090.9	6063.2	7238.6	8762.3
20°	1709.8	1998.3	2334.8	2723.2	3207.1	3811.0	4546.8	5440.8	6547.2	7938.7	9594.5
17.5°	1754.2	2058.0	2412.7	2832.9	3353.2	3994.8	4784.7	5749.7	6978.0	8563.9	10362.5
15°	1792.5	2109.5	2480.1	2927.9	3484.7	4177.4	5034.4	6088.5	7427.4	9132.5	11036.8
12.5°	1824.3	2152.6	2536.7	3007.9	3595.2	4331.8	5247.6	6390.3	7865.2	9668.0	11628.8
10°	1849.7	2187.2	2582.3	3072.5	3684.4	4457.2	5423.4	6637.3	8229.4	10127.1	12129.6
7.5°	1870.8	2214.2	2617.3	3121.4	3751.8	4553.0	5560.1	6827.8	8514.1	10490.6	12513.8
5°	1885.9	2233.6	2643.8	3155.6	3801.2	4619.8	5655.8	6961.1	8716.6	10754.0	12776.6
2.5°	1894.4	2244.1	2659.1	3173.8	3831.6	4657.6	5706.0	7044.8	8827.9	10904.3	12935.4
0°	1896.1	2245.7	2662.8	3176.1	3840.2	4664.7	5713.8	7070.9	8851.4	10943.2	12993.2
-2.5°	1894.4	2244.1	2659.1	3173.8	3831.6	4657.6	5706.0	7044.8	8827.9	10904.3	12935.4
-5°	1885.9	2233.6	2643.8	3155.6	3801.2	4619.8	5655.8	6961.1	8716.6	10754.0	12776.6
-7.5°	1870.8	2214.2	2617.3	3121.4	3751.8	4553.0	5560.1	6827.8	8514.1	10490.6	12513.8
-10°	1849.7	2187.2	2582.3	3072.5	3684.4	4457.2	5423.4	6637.3	8229.4	10127.1	12129.6
-12.5°	1824.3	2152.6	2536.7	3007.9	3595.2	4331.8	5247.6	6390.3	7865.2	9668.0	11628.8
-15°	1792.5	2109.5	2480.1	2927.9	3484.7	4177.4	5034.4	6088.5	7427.4	9132.5	11036.8
-17.5°	1754.2	2058.0	2412.7	2832.9	3353.2	3994.8	4784.7	5749.7	6978.0	8563.9	10362.5
-20°	1709.8	1998.3	2334.8	2723.2	3207.1	3811.0	4546.8	5440.8	6547.2	7938.7	9594.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1659.2	1930.6	2252.5	2621.7	3076.1	3630.1	4294.5	5090.9	6063.2	7238.6	8762.3
-25°	1605.2	1867.9	2169.6	2515.7	2929.4	3429.9	4020.2	4716.2	5595.7	6643.1	7913.5
-27.5°	1548.6	1799.1	2077.9	2397.7	2766.6	3222.9	3767.4	4395.9	5136.1	6014.4	7047.1
-30°	1487.0	1723.6	1978.1	2273.8	2619.0	3031.3	3512.3	4048.4	4676.7	5454.0	6338.0
-32.5°	1420.4	1642.8	1883.6	2156.9	2467.2	2823.5	3246.8	3731.9	4278.1	4897.8	5650.8
-35°	1354.4	1564.3	1788.6	2032.1	2306.2	2632.3	3005.0	3417.2	3878.7	4422.9	5024.8
-37.5°	1292.1	1481.4	1687.8	1910.1	2163.2	2444.7	2756.2	3129.2	3529.7	3951.7	4467.5
-40°	1225.8	1394.3	1590.0	1795.0	2013.0	2262.9	2545.1	2849.3	3196.5	3567.6	3946.8
-42.5°	1157.3	1317.1	1490.8	1674.2	1875.4	2094.0	2328.5	2602.6	2887.1	3200.4	3534.1
-45°	1097.8	1236.2	1390.2	1561.8	1738.6	1928.8	2140.7	2358.7	2611.0	2864.1	3148.5
-47.5°	1035.7	1156.2	1298.0	1445.7	1606.7	1775.7	1953.9	2152.3	2350.0	2574.1	2790.5
-50°	972.9	1085.7	1201.8	1337.8	1478.4	1626.8	1784.1	1951.0	2128.9	2306.9	2495.6
-52.5°	912.7	1012.8	1117.2	1230.8	1356.5	1486.4	1622.7	1765.9	1918.7	2072.4	2228.3
-55°	851.0	943.0	1031.9	1131.1	1238.8	1354.0	1470.2	1595.1	1717.8	1856.1	1983.7
-57.5°	793.3	871.4	949.4	1033.3	1127.2	1225.2	1328.1	1431.1	1542.3	1652.1	1757.1
-60°	737.7	800.8	868.5	940.5	1015.9	1101.7	1187.3	1278.8	1371.8	1462.5	1555.1
-62.5°	679.8	730.5	786.3	850.0	915.3	978.4	1051.5	1128.4	1206.2	1281.6	1356.3
-65°	611.4	656.3	701.4	754.1	814.4	864.7	919.2	979.1	1045.6	1105.7	1160.5
-67.5°	540.0	579.8	616.7	653.0	699.4	743.7	787.9	833.9	884.7	938.2	985.4
-70°	463.0	502.2	534.9	564.4	589.9	617.6	653.1	688.3	728.6	779.5	826.1
-72.5°	384.9	420.3	451.3	477.9	494.5	507.2	524.0	544.6	582.9	633.8	678.7
-75°	311.1	338.8	366.4	390.5	400.9	401.7	400.5	407.3	445.2	497.1	542.8
-77.5°	240.3	263.2	284.5	304.2	309.9	309.1	305.5	299.1	327.9	372.2	418.3
-80°	173.1	187.6	204.2	219.8	223.4	221.9	217.1	209.2	231.8	263.8	298.3
-82.5°	112.9	122.8	132.0	140.7	141.6	139.4	135.1	130.0	147.2	167.9	189.7
-85°	57.9	57.9	62.6	67.1	69.1	69.4	68.1	65.1	73.6	83.3	93.6
-87.5°	28.9	28.9	28.5	27.6	26.4	24.8	22.8	20.5	21.3	22.1	22.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-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°	23.7	23.0	22.3	21.4	20.4	20.0	19.6	19.1	18.5	17.2	15.8
85°	104.4	106.7	108.0	108.6	108.6	112.0	115.3	118.3	120.8	109.6	97.1
82.5°	212.2	222.1	230.8	239.5	248.1	254.0	258.5	261.7	263.8	238.8	210.7
80°	333.9	354.8	372.2	388.8	404.6	408.5	408.5	406.2	401.9	367.7	328.9
77.5°	464.5	491.8	513.5	535.1	556.3	564.1	567.8	570.8	572.7	530.4	478.3
75°	582.8	615.4	645.9	674.1	700.1	714.0	722.1	728.8	733.9	691.5	635.6
72.5°	717.8	752.4	785.3	816.5	844.1	862.4	874.4	884.2	892.0	867.8	832.8
70°	866.2	901.9	936.7	969.2	1000.5	1025.1	1044.4	1061.1	1075.0	1077.7	1076.5
67.5°	1031.0	1073.2	1114.5	1150.0	1187.1	1221.9	1252.4	1277.8	1298.1	1311.5	1319.0
65°	1215.9	1279.4	1336.0	1383.8	1423.9	1470.2	1511.2	1542.4	1564.4	1581.1	1595.5
62.5°	1433.9	1510.9	1575.5	1639.3	1705.2	1769.2	1809.2	1849.4	1888.6	1925.7	1957.4
60°	1643.6	1728.0	1815.5	1897.1	1972.5	2042.0	2113.8	2177.5	2233.2	2279.8	2314.5
57.5°	1867.3	1970.0	2069.4	2173.0	2270.4	2361.2	2450.0	2531.9	2602.7	2662.3	2711.0
55°	2109.9	2235.5	2353.8	2485.2	2612.6	2728.7	2835.7	2945.3	3044.1	3131.0	3200.0
52.5°	2371.5	2534.8	2691.4	2845.7	3010.8	3159.8	3293.2	3445.2	3580.0	3691.4	3778.1
50°	2683.9	2875.8	3082.5	3273.7	3482.0	3687.1	3876.2	4059.4	4238.5	4393.5	4518.9
47.5°	3039.5	3275.7	3531.8	3785.3	4043.8	4324.2	4574.5	4807.0	5057.4	5274.9	5449.4
45°	3434.9	3736.0	4045.3	4401.6	4730.0	5090.2	5423.5	5723.0	6078.2	6391.2	6643.1
42.5°	3873.5	4274.6	4681.3	5130.2	5565.7	6023.1	6508.9	6939.7	7410.9	7860.0	8223.0
40°	4417.1	4896.7	5441.3	5984.7	6609.9	7197.2	7904.8	8547.9	9131.9	9667.5	10106.4
37.5°	5021.2	5638.6	6322.9	7030.6	7886.0	8724.5	9552.8	10334.9	11025.3	11611.4	12103.1
35°	5707.1	6491.5	7320.3	8353.5	9355.7	10360.0	11295.6	12150.3	12901.2	13562.6	14125.0
32.5°	6495.9	7437.4	8597.6	9758.3	10901.6	12007.3	13034.5	13966.7	14790.3	15532.8	16179.5
30°	7325.3	8609.9	9912.1	11185.4	12434.1	13645.3	14772.6	15799.4	16729.9	17556.6	18301.6
27.5°	8379.2	9802.8	11222.7	12595.4	13969.2	15294.7	16516.4	17657.1	18724.8	19659.2	20510.8
25°	9398.6	10971.3	12480.8	13977.4	15472.8	16895.9	18262.0	19550.3	20773.2	21845.6	22796.4
22.5°	10417.9	12063.9	13677.0	15286.2	16892.6	18479.1	20013.0	21489.1	22856.6	24077.7	25148.0
20°	11361.9	13082.6	14807.6	16542.4	18283.6	20020.3	21743.1	23404.2	24927.7	26337.5	27576.3
17.5°	12208.1	14038.2	15867.0	17722.7	19610.3	21495.7	23409.4	25271.6	27013.4	28617.4	30054.5
15°	12957.6	14867.2	16831.3	18833.8	20860.7	22908.4	24996.5	27080.0	29040.7	30862.6	32467.0
12.5°	13612.9	15598.2	17656.8	19784.5	21984.3	24215.1	26494.1	28777.8	30948.4	33051.8	34784.2
10°	14153.6	16220.0	18371.6	20607.2	22927.1	25328.0	27773.0	30231.3	32622.8	34854.0	36835.1
7.5°	14571.2	16714.9	18932.1	21257.2	23691.2	26222.9	28813.0	31421.8	33973.9	36378.1	38570.1
5°	14865.8	17075.1	19320.3	21738.9	24257.4	26881.0	29572.9	32291.6	34959.4	37487.4	39759.1
2.5°	15036.8	17291.5	19546.3	22031.6	24594.1	27279.2	30044.2	32807.5	35545.8	38167.6	40502.2
0°	15081.8	17356.4	19675.9	22062.8	24700.0	27465.5	30131.5	32903.4	35749.0	38334.9	40660.8
-2.5°	15036.8	17291.5	19546.3	22031.6	24594.1	27279.2	30044.2	32807.5	35545.8	38167.6	40502.2
-5°	14865.8	17075.1	19320.3	21738.9	24257.4	26881.0	29572.9	32291.6	34959.4	37487.4	39759.1
-7.5°	14571.2	16714.9	18932.1	21257.2	23691.2	26222.9	28813.0	31421.8	33973.9	36378.1	38570.1
-10°	14153.6	16220.0	18371.6	20607.2	22927.1	25328.0	27773.0	30231.3	32622.8	34854.0	36835.1
-12.5°	13612.9	15598.2	17656.8	19784.5	21984.3	24215.1	26494.1	28777.8	30948.4	33051.8	34784.2
-15°	12957.6	14867.2	16831.3	18833.8	20860.7	22908.4	24996.5	27080.0	29040.7	30862.6	32467.0
-17.5°	12208.1	14038.2	15867.0	17722.7	19610.3	21495.7	23409.4	25271.6	27013.4	28617.4	30054.5
-20°	11361.9	13082.6	14807.6	16542.4	18283.6	20020.3	21743.1	23404.2	24927.7	26337.5	27576.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10417.9	12063.9	13677.0	15286.2	16892.6	18479.1	20013.0	21489.1	22856.6	24077.7	25148.0
-25°	9398.6	10971.3	12480.8	13977.4	15472.8	16895.9	18262.0	19550.3	20773.2	21845.6	22796.4
-27.5°	8379.2	9802.8	11222.7	12595.4	13969.2	15294.7	16516.4	17657.1	18724.8	19659.2	20510.8
-30°	7325.3	8609.9	9912.1	11185.4	12434.1	13645.3	14772.6	15799.4	16729.9	17556.6	18301.6
-32.5°	6495.9	7437.4	8597.6	9758.3	10901.6	12007.3	13034.5	13966.7	14790.3	15532.8	16179.5
-35°	5707.1	6491.5	7320.3	8353.5	9355.7	10360.0	11295.6	12150.3	12901.2	13562.6	14125.0
-37.5°	5021.2	5638.6	6322.9	7030.6	7886.0	8724.5	9552.8	10334.9	11025.3	11611.4	12103.1
-40°	4417.1	4896.7	5441.3	5984.7	6609.9	7197.2	7904.8	8547.9	9131.9	9667.5	10106.4
-42.5°	3873.5	4274.6	4681.3	5130.2	5565.7	6023.1	6508.9	6939.7	7410.9	7860.0	8223.0
-45°	3434.9	3736.0	4045.3	4401.6	4730.0	5090.2	5423.5	5723.0	6078.2	6391.2	6643.1
-47.5°	3039.5	3275.7	3531.8	3785.3	4043.8	4324.2	4574.5	4807.0	5057.4	5274.9	5449.4
-50°	2683.9	2875.8	3082.5	3273.7	3482.0	3687.1	3876.2	4059.4	4238.5	4393.5	4518.9
-52.5°	2371.5	2534.8	2691.4	2845.7	3010.8	3159.8	3293.2	3445.2	3580.0	3691.4	3778.1
-55°	2109.9	2235.5	2353.8	2485.2	2612.6	2728.7	2835.7	2945.3	3044.1	3131.0	3200.0
-57.5°	1867.3	1970.0	2069.4	2173.0	2270.4	2361.2	2450.0	2531.9	2602.7	2662.3	2711.0
-60°	1643.6	1728.0	1815.5	1897.1	1972.5	2042.0	2113.8	2177.5	2233.2	2279.8	2314.5
-62.5°	1433.9	1510.9	1575.5	1639.3	1705.2	1769.2	1809.2	1849.4	1888.6	1925.7	1957.4
-65°	1215.9	1279.4	1336.0	1383.8	1423.9	1470.2	1511.2	1542.4	1564.4	1581.1	1595.5
-67.5°	1031.0	1073.2	1114.5	1150.0	1187.1	1221.9	1252.4	1277.8	1298.1	1311.5	1319.0
-70°	866.2	901.9	936.7	969.2	1000.5	1025.1	1044.4	1061.1	1075.0	1077.7	1076.5
-72.5°	717.8	752.4	785.3	816.5	844.1	862.4	874.4	884.2	892.0	867.8	832.8
-75°	582.8	615.4	645.9	674.1	700.1	714.0	722.1	728.8	733.9	691.5	635.6
-77.5°	464.5	491.8	513.5	535.1	556.3	564.1	567.8	570.8	572.7	530.4	478.3
-80°	333.9	354.8	372.2	388.8	404.6	408.5	408.5	406.2	401.9	367.7	328.9
-82.5°	212.2	222.1	230.8	239.5	248.1	254.0	258.5	261.7	263.8	238.8	210.7
-85°	104.4	106.7	108.0	108.6	108.6	112.0	115.3	118.3	120.8	109.6	97.1
-87.5°	23.7	23.0	22.3	21.4	20.4	20.0	19.6	19.1	18.5	17.2	15.8
-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: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-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°	14.3	12.8	11.2	9.6	11.2	12.8	14.3	15.8	17.2	18.5	19.1
85°	84.0	70.3	68.9	67.4	68.9	70.3	84.0	97.1	109.6	120.8	118.3
82.5°	181.2	150.4	145.8	141.2	145.8	150.4	181.2	210.7	238.8	263.8	261.7
80°	288.6	246.8	238.8	231.0	238.8	246.8	288.6	328.9	367.7	401.9	406.2
77.5°	423.4	366.3	349.6	333.7	349.6	366.3	423.4	478.3	530.4	572.7	570.8
75°	577.5	517.4	497.1	478.0	497.1	517.4	577.5	635.6	691.5	733.9	728.8
72.5°	797.5	760.9	723.8	683.3	723.8	760.9	797.5	832.8	867.8	892.0	884.2
70°	1075.4	1072.8	1063.5	1049.1	1063.5	1072.8	1075.4	1076.5	1077.7	1075.0	1061.1
67.5°	1322.2	1321.1	1324.4	1325.0	1324.4	1321.1	1322.2	1319.0	1311.5	1298.1	1277.8
65°	1604.2	1607.3	1613.9	1616.9	1613.9	1607.3	1604.2	1595.5	1581.1	1564.4	1542.4
62.5°	1981.6	1998.0	2006.1	2005.1	2006.1	1998.0	1981.6	1957.4	1925.7	1888.6	1849.4
60°	2340.5	2357.5	2368.2	2370.9	2368.2	2357.5	2340.5	2314.5	2279.8	2233.2	2177.5
57.5°	2749.6	2777.5	2792.2	2794.3	2792.2	2777.5	2749.6	2711.0	2662.3	2602.7	2531.9
55°	3252.9	3289.8	3306.4	3304.5	3306.4	3289.8	3252.9	3200.0	3131.0	3044.1	2945.3
52.5°	3843.7	3888.7	3922.4	3942.9	3922.4	3888.7	3843.7	3778.1	3691.4	3580.0	3445.2
50°	4613.0	4677.5	4718.6	4735.3	4718.6	4677.5	4613.0	4518.9	4393.5	4238.5	4059.4
47.5°	5575.4	5660.9	5724.3	5768.4	5724.3	5660.9	5575.4	5449.4	5274.9	5057.4	4807.0
45°	6829.2	6959.5	7048.0	7099.8	7048.0	6959.5	6829.2	6643.1	6391.2	6078.2	5723.0
42.5°	8506.5	8708.8	8832.8	8880.3	8832.8	8708.8	8506.5	8223.0	7860.0	7410.9	6939.7
40°	10453.0	10696.1	10855.5	10965.7	10855.5	10696.1	10453.0	10106.4	9667.5	9131.9	8547.9
37.5°	12480.5	12735.8	12891.0	12996.4	12891.0	12735.8	12480.5	12103.1	11611.4	11025.3	10334.9
35°	14548.9	14816.1	14961.8	15043.3	14961.8	14816.1	14548.9	14125.0	13562.6	12901.2	12150.3
32.5°	16672.4	16966.8	17125.3	17289.0	17125.3	16966.8	16672.4	16179.5	15532.8	14790.3	13966.7
30°	18890.3	19228.2	19393.9	19473.8	19393.9	19228.2	18890.3	18301.6	17556.6	16729.9	15799.4
27.5°	21198.1	21619.3	21826.8	21963.4	21826.8	21619.3	21198.1	20510.8	19659.2	18724.8	17657.1
25°	23599.5	24121.4	24359.0	24571.7	24359.0	24121.4	23599.5	22796.4	21845.6	20773.2	19550.3
22.5°	26091.0	26740.9	27016.1	27167.1	27016.1	26740.9	26091.0	25148.0	24077.7	22856.6	21489.1
20°	28647.4	29424.0	29806.3	30003.2	29806.3	29424.0	28647.4	27576.3	26337.5	24927.7	23404.2
17.5°	31261.6	32227.6	32722.4	32836.0	32722.4	32227.6	31261.6	30054.5	28617.4	27013.4	25271.6
15°	33828.0	34872.8	35457.8	35672.1	35457.8	34872.8	33828.0	32467.0	30862.6	29040.7	27080.0
12.5°	36258.5	37341.4	38040.3	38164.8	38040.3	37341.4	36258.5	34784.2	33051.8	30948.4	28777.8
10°	38462.8	39584.6	40356.6	40532.5	40356.6	39584.6	38462.8	36835.1	34854.0	32622.8	30231.3
7.5°	40305.5	41536.5	42389.2	42537.6	42389.2	41536.5	40305.5	38570.1	36378.1	33973.9	31421.8
5°	41653.8	43115.3	43815.2	43990.9	43815.2	43115.3	41653.8	39759.1	37487.4	34959.4	32291.6
2.5°	42393.4	43881.1	44854.0	44741.7	44854.0	43881.1	42393.4	40502.2	38167.6	35545.8	32807.5
0°	42476.7	44032.6	44963.0	45392.9	44963.0	44032.6	42476.7	40660.8	38334.9	35749.0	32903.4
-2.5°	42393.4	43881.1	44854.0	44741.7	44854.0	43881.1	42393.4	40502.2	38167.6	35545.8	32807.5
-5°	41653.8	43115.3	43815.2	43990.9	43815.2	43115.3	41653.8	39759.1	37487.4	34959.4	32291.6
-7.5°	40305.5	41536.5	42389.2	42537.6	42389.2	41536.5	40305.5	38570.1	36378.1	33973.9	31421.8
-10°	38462.8	39584.6	40356.6	40532.5	40356.6	39584.6	38462.8	36835.1	34854.0	32622.8	30231.3
-12.5°	36258.5	37341.4	38040.3	38164.8	38040.3	37341.4	36258.5	34784.2	33051.8	30948.4	28777.8
-15°	33828.0	34872.8	35457.8	35672.1	35457.8	34872.8	33828.0	32467.0	30862.6	29040.7	27080.0
-17.5°	31261.6	32227.6	32722.4	32836.0	32722.4	32227.6	31261.6	30054.5	28617.4	27013.4	25271.6
-20°	28647.4	29424.0	29806.3	30003.2	29806.3	29424.0	28647.4	27576.3	26337.5	24927.7	23404.2



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	26091.0	26740.9	27016.1	27167.1	27016.1	26740.9	26091.0	25148.0	24077.7	22856.6	21489.1
-25°	23599.5	24121.4	24359.0	24571.7	24359.0	24121.4	23599.5	22796.4	21845.6	20773.2	19550.3
-27.5°	21198.1	21619.3	21826.8	21963.4	21826.8	21619.3	21198.1	20510.8	19659.2	18724.8	17657.1
-30°	18890.3	19228.2	19393.9	19473.8	19393.9	19228.2	18890.3	18301.6	17556.6	16729.9	15799.4
-32.5°	16672.4	16966.8	17125.3	17289.0	17125.3	16966.8	16672.4	16179.5	15532.8	14790.3	13966.7
-35°	14548.9	14816.1	14961.8	15043.3	14961.8	14816.1	14548.9	14125.0	13562.6	12901.2	12150.3
-37.5°	12480.5	12735.8	12891.0	12996.4	12891.0	12735.8	12480.5	12103.1	11611.4	11025.3	10334.9
-40°	10453.0	10696.1	10855.5	10965.7	10855.5	10696.1	10453.0	10106.4	9667.5	9131.9	8547.9
-42.5°	8506.5	8708.8	8832.8	8880.3	8832.8	8708.8	8506.5	8223.0	7860.0	7410.9	6939.7
-45°	6829.2	6959.5	7048.0	7099.8	7048.0	6959.5	6829.2	6643.1	6391.2	6078.2	5723.0
-47.5°	5575.4	5660.9	5724.3	5768.4	5724.3	5660.9	5575.4	5449.4	5274.9	5057.4	4807.0
-50°	4613.0	4677.5	4718.6	4735.3	4718.6	4677.5	4613.0	4518.9	4393.5	4238.5	4059.4
-52.5°	3843.7	3888.7	3922.4	3942.9	3922.4	3888.7	3843.7	3778.1	3691.4	3580.0	3445.2
-55°	3252.9	3289.8	3306.4	3304.5	3306.4	3289.8	3252.9	3200.0	3131.0	3044.1	2945.3
-57.5°	2749.6	2777.5	2792.2	2794.3	2792.2	2777.5	2749.6	2711.0	2662.3	2602.7	2531.9
-60°	2340.5	2357.5	2368.2	2370.9	2368.2	2357.5	2340.5	2314.5	2279.8	2233.2	2177.5
-62.5°	1981.6	1998.0	2006.1	2005.1	2006.1	1998.0	1981.6	1957.4	1925.7	1888.6	1849.4
-65°	1604.2	1607.3	1613.9	1616.9	1613.9	1607.3	1604.2	1595.5	1581.1	1564.4	1542.4
-67.5°	1322.2	1321.1	1324.4	1325.0	1324.4	1321.1	1322.2	1319.0	1311.5	1298.1	1277.8
-70°	1075.4	1072.8	1063.5	1049.1	1063.5	1072.8	1075.4	1076.5	1077.7	1075.0	1061.1
-72.5°	797.5	760.9	723.8	683.3	723.8	760.9	797.5	832.8	867.8	892.0	884.2
-75°	577.5	517.4	497.1	478.0	497.1	517.4	577.5	635.6	691.5	733.9	728.8
-77.5°	423.4	366.3	349.6	333.7	349.6	366.3	423.4	478.3	530.4	572.7	570.8
-80°	288.6	246.8	238.8	231.0	238.8	246.8	288.6	328.9	367.7	401.9	406.2
-82.5°	181.2	150.4	145.8	141.2	145.8	150.4	181.2	210.7	238.8	263.8	261.7
-85°	84.0	70.3	68.9	67.4	68.9	70.3	84.0	97.1	109.6	120.8	118.3
-87.5°	14.3	12.8	11.2	9.6	11.2	12.8	14.3	15.8	17.2	18.5	19.1
-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: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-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°	19.6	20.0	20.4	21.4	22.3	23.0	23.7	22.9	22.1	21.3	20.5
85°	115.3	112.0	108.6	108.6	108.0	106.7	104.4	93.6	83.3	73.6	65.1
82.5°	258.5	254.0	248.1	239.5	230.8	222.1	212.2	189.7	167.9	147.2	130.0
80°	408.5	408.5	404.6	388.8	372.2	354.8	333.9	298.3	263.8	231.8	209.2
77.5°	567.8	564.1	556.3	535.1	513.5	491.8	464.5	418.3	372.2	327.9	299.1
75°	722.1	714.0	700.1	674.1	645.9	615.4	582.8	542.8	497.1	445.2	407.3
72.5°	874.4	862.4	844.1	816.5	785.3	752.4	717.8	678.7	633.8	582.9	544.6
70°	1044.4	1025.1	1000.5	969.2	936.7	901.9	866.2	826.1	779.5	728.6	688.3
67.5°	1252.4	1221.9	1187.1	1150.0	1114.5	1073.2	1031.0	985.4	938.2	884.7	833.9
65°	1511.2	1470.2	1423.9	1383.8	1336.0	1279.4	1215.9	1160.5	1105.7	1045.6	979.1
62.5°	1809.2	1769.2	1705.2	1639.3	1575.5	1510.9	1433.9	1356.3	1281.6	1206.2	1128.4
60°	2113.8	2042.0	1972.5	1897.1	1815.5	1728.0	1643.6	1555.1	1462.5	1371.8	1278.8
57.5°	2450.0	2361.2	2270.4	2173.0	2069.4	1970.0	1867.3	1757.1	1652.1	1542.3	1431.1
55°	2835.7	2728.7	2612.6	2485.2	2353.8	2235.5	2109.9	1983.7	1856.1	1717.8	1595.1
52.5°	3293.2	3159.8	3010.8	2845.7	2691.4	2534.8	2371.5	2228.3	2072.4	1918.7	1765.9
50°	3876.2	3687.1	3482.0	3273.7	3082.5	2875.8	2683.9	2495.6	2306.9	2128.9	1951.0
47.5°	4574.5	4324.2	4043.8	3785.3	3531.8	3275.7	3039.5	2790.5	2574.1	2350.0	2152.3
45°	5423.5	5090.2	4730.0	4401.6	4045.3	3736.0	3434.9	3148.5	2864.1	2611.0	2358.7
42.5°	6508.9	6023.1	5565.7	5130.2	4681.3	4274.6	3873.5	3534.1	3200.4	2887.1	2602.6
40°	7904.8	7197.2	6609.9	5984.7	5441.3	4896.7	4417.1	3946.8	3567.6	3196.5	2849.3
37.5°	9552.8	8724.5	7886.0	7030.6	6322.9	5638.6	5021.2	4467.5	3951.7	3529.7	3129.2
35°	11295.6	10360.0	9355.7	8353.5	7320.3	6491.5	5707.1	5024.8	4422.9	3878.7	3417.2
32.5°	13034.5	12007.3	10901.6	9758.3	8597.6	7437.4	6495.9	5650.8	4897.8	4278.1	3731.9
30°	14772.6	13645.3	12434.1	11185.4	9912.1	8609.9	7325.3	6338.0	5454.0	4676.7	4048.4
27.5°	16516.4	15294.7	13969.2	12595.4	11222.7	9802.8	8379.2	7047.1	6014.4	5136.1	4395.9
25°	18262.0	16895.9	15472.8	13977.4	12480.8	10971.3	9398.6	7913.5	6643.1	5595.7	4716.2
22.5°	20013.0	18479.1	16892.6	15286.2	13677.0	12063.9	10417.9	8762.3	7238.6	6063.2	5090.9
20°	21743.1	20020.3	18283.6	16542.4	14807.6	13082.6	11361.9	9594.5	7938.7	6547.2	5440.8
17.5°	23409.4	21495.7	19610.3	17722.7	15867.0	14038.2	12208.1	10362.5	8563.9	6978.0	5749.7
15°	24996.5	22908.4	20860.7	18833.8	16831.3	14867.2	12957.6	11036.8	9132.5	7427.4	6088.5
12.5°	26494.1	24215.1	21984.3	19784.5	17656.8	15598.2	13612.9	11628.8	9668.0	7865.2	6390.3
10°	27773.0	25328.0	22927.1	20607.2	18371.6	16220.0	14153.6	12129.6	10127.1	8229.4	6637.3
7.5°	28813.0	26222.9	23691.2	21257.2	18932.1	16714.9	14571.2	12513.8	10490.6	8514.1	6827.8
5°	29572.9	26881.0	24257.4	21738.9	19320.3	17075.1	14865.8	12776.6	10754.0	8716.6	6961.1
2.5°	30044.2	27279.2	24594.1	22031.6	19546.3	17291.5	15036.8	12935.4	10904.3	8827.9	7044.8
0°	30131.5	27465.5	24700.0	22062.8	19675.9	17356.4	15081.8	12993.2	10943.2	8851.4	7070.9
-2.5°	30044.2	27279.2	24594.1	22031.6	19546.3	17291.5	15036.8	12935.4	10904.3	8827.9	7044.8
-5°	29572.9	26881.0	24257.4	21738.9	19320.3	17075.1	14865.8	12776.6	10754.0	8716.6	6961.1
-7.5°	28813.0	26222.9	23691.2	21257.2	18932.1	16714.9	14571.2	12513.8	10490.6	8514.1	6827.8
-10°	27773.0	25328.0	22927.1	20607.2	18371.6	16220.0	14153.6	12129.6	10127.1	8229.4	6637.3
-12.5°	26494.1	24215.1	21984.3	19784.5	17656.8	15598.2	13612.9	11628.8	9668.0	7865.2	6390.3
-15°	24996.5	22908.4	20860.7	18833.8	16831.3	14867.2	12957.6	11036.8	9132.5	7427.4	6088.5
-17.5°	23409.4	21495.7	19610.3	17722.7	15867.0	14038.2	12208.1	10362.5	8563.9	6978.0	5749.7
-20°	21743.1	20020.3	18283.6	16542.4	14807.6	13082.6	11361.9	9594.5	7938.7	6547.2	5440.8



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	20013.0	18479.1	16892.6	15286.2	13677.0	12063.9	10417.9	8762.3	7238.6	6063.2	5090.9
-25°	18262.0	16895.9	15472.8	13977.4	12480.8	10971.3	9398.6	7913.5	6643.1	5595.7	4716.2
-27.5°	16516.4	15294.7	13969.2	12595.4	11222.7	9802.8	8379.2	7047.1	6014.4	5136.1	4395.9
-30°	14772.6	13645.3	12434.1	11185.4	9912.1	8609.9	7325.3	6338.0	5454.0	4676.7	4048.4
-32.5°	13034.5	12007.3	10901.6	9758.3	8597.6	7437.4	6495.9	5650.8	4897.8	4278.1	3731.9
-35°	11295.6	10360.0	9355.7	8353.5	7320.3	6491.5	5707.1	5024.8	4422.9	3878.7	3417.2
-37.5°	9552.8	8724.5	7886.0	7030.6	6322.9	5638.6	5021.2	4467.5	3951.7	3529.7	3129.2
-40°	7904.8	7197.2	6609.9	5984.7	5441.3	4896.7	4417.1	3946.8	3567.6	3196.5	2849.3
-42.5°	6508.9	6023.1	5565.7	5130.2	4681.3	4274.6	3873.5	3534.1	3200.4	2887.1	2602.6
-45°	5423.5	5090.2	4730.0	4401.6	4045.3	3736.0	3434.9	3148.5	2864.1	2611.0	2358.7
-47.5°	4574.5	4324.2	4043.8	3785.3	3531.8	3275.7	3039.5	2790.5	2574.1	2350.0	2152.3
-50°	3876.2	3687.1	3482.0	3273.7	3082.5	2875.8	2683.9	2495.6	2306.9	2128.9	1951.0
-52.5°	3293.2	3159.8	3010.8	2845.7	2691.4	2534.8	2371.5	2228.3	2072.4	1918.7	1765.9
-55°	2835.7	2728.7	2612.6	2485.2	2353.8	2235.5	2109.9	1983.7	1856.1	1717.8	1595.1
-57.5°	2450.0	2361.2	2270.4	2173.0	2069.4	1970.0	1867.3	1757.1	1652.1	1542.3	1431.1
-60°	2113.8	2042.0	1972.5	1897.1	1815.5	1728.0	1643.6	1555.1	1462.5	1371.8	1278.8
-62.5°	1809.2	1769.2	1705.2	1639.3	1575.5	1510.9	1433.9	1356.3	1281.6	1206.2	1128.4
-65°	1511.2	1470.2	1423.9	1383.8	1336.0	1279.4	1215.9	1160.5	1105.7	1045.6	979.1
-67.5°	1252.4	1221.9	1187.1	1150.0	1114.5	1073.2	1031.0	985.4	938.2	884.7	833.9
-70°	1044.4	1025.1	1000.5	969.2	936.7	901.9	866.2	826.1	779.5	728.6	688.3
-72.5°	874.4	862.4	844.1	816.5	785.3	752.4	717.8	678.7	633.8	582.9	544.6
-75°	722.1	714.0	700.1	674.1	645.9	615.4	582.8	542.8	497.1	445.2	407.3
-77.5°	567.8	564.1	556.3	535.1	513.5	491.8	464.5	418.3	372.2	327.9	299.1
-80°	408.5	408.5	404.6	388.8	372.2	354.8	333.9	298.3	263.8	231.8	209.2
-82.5°	258.5	254.0	248.1	239.5	230.8	222.1	212.2	189.7	167.9	147.2	130.0
-85°	115.3	112.0	108.6	108.6	108.0	106.7	104.4	93.6	83.3	73.6	65.1
-87.5°	19.6	20.0	20.4	21.4	22.3	23.0	23.7	22.9	22.1	21.3	20.5
-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: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-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°	22.8	24.8	26.4	27.6	28.5	28.9	28.9	28.5	27.3	25.8	23.9
85°	68.1	69.4	69.1	67.1	62.6	57.9	57.9	57.0	54.7	51.6	47.8
82.5°	135.1	139.4	141.6	140.7	132.0	122.8	112.9	102.6	91.5	79.0	71.6
80°	217.1	221.9	223.4	219.8	204.2	187.6	173.1	158.2	143.7	127.1	108.7
77.5°	305.5	309.1	309.9	304.2	284.5	263.2	240.3	216.2	195.8	175.2	152.3
75°	400.5	401.7	400.9	390.5	366.4	338.8	311.1	281.2	251.2	223.3	195.8
72.5°	524.0	507.2	494.5	477.9	451.3	420.3	384.9	345.1	307.2	271.6	238.5
70°	653.1	617.6	589.9	564.4	534.9	502.2	463.0	413.0	362.2	319.0	278.8
67.5°	787.9	743.7	699.4	653.0	616.7	579.8	540.0	480.0	419.1	365.5	318.3
65°	919.2	864.7	814.4	754.1	701.4	656.3	611.4	543.4	474.0	411.5	356.8
62.5°	1051.5	978.4	915.3	850.0	786.3	730.5	679.8	602.4	526.5	455.5	393.4
60°	1187.3	1101.7	1015.9	940.5	868.5	800.8	737.7	659.7	577.4	497.5	428.1
57.5°	1328.1	1225.2	1127.2	1033.3	949.4	871.4	793.3	712.4	626.5	540.0	459.3
55°	1470.2	1354.0	1238.8	1131.1	1031.9	943.0	851.0	762.8	673.6	581.5	484.2
52.5°	1622.7	1486.4	1356.5	1230.8	1117.2	1012.8	912.7	812.1	718.4	621.4	511.3
50°	1784.1	1626.8	1478.4	1337.8	1201.8	1085.7	972.9	866.2	762.2	659.9	536.7
47.5°	1953.9	1775.7	1606.7	1445.7	1298.0	1156.2	1035.7	919.4	804.8	697.9	559.9
45°	2140.7	1928.8	1738.6	1561.8	1390.2	1236.2	1097.8	970.7	850.9	725.1	580.7
42.5°	2328.5	2094.0	1875.4	1674.2	1490.8	1317.1	1157.3	1024.0	895.3	750.0	601.1
40°	2545.1	2262.9	2013.0	1795.0	1590.0	1394.3	1225.8	1075.4	936.6	774.8	620.9
37.5°	2756.2	2444.7	2163.2	1910.1	1687.8	1481.4	1292.1	1124.2	969.2	801.8	638.8
35°	3005.0	2632.3	2306.2	2032.1	1788.6	1564.3	1354.4	1174.1	1004.9	827.7	654.8
32.5°	3246.8	2823.5	2467.2	2156.9	1883.6	1642.8	1420.4	1225.2	1041.3	852.4	668.8
30°	3512.3	3031.3	2619.0	2273.8	1978.1	1723.6	1487.0	1273.3	1078.1	875.7	682.4
27.5°	3767.4	3222.9	2766.6	2397.7	2077.9	1799.1	1548.6	1318.4	1114.9	900.0	699.3
25°	4020.2	3429.9	2929.4	2515.7	2169.6	1867.9	1605.2	1360.5	1151.0	927.2	714.5
22.5°	4294.5	3630.1	3076.1	2621.7	2252.5	1930.6	1659.2	1406.6	1184.2	953.2	727.8
20°	4546.8	3811.0	3207.1	2723.2	2334.8	1998.3	1709.8	1447.8	1214.0	977.6	739.1
17.5°	4784.7	3994.8	3353.2	2832.9	2412.7	2058.0	1754.2	1484.1	1240.3	1000.1	748.1
15°	5034.4	4177.4	3484.7	2927.9	2480.1	2109.5	1792.5	1515.2	1262.9	1020.3	756.8
12.5°	5247.6	4331.8	3595.2	3007.9	2536.7	2152.6	1824.3	1541.2	1281.8	1037.5	764.5
10°	5423.4	4457.2	3684.4	3072.5	2582.3	2187.2	1849.7	1562.1	1297.6	1050.8	768.8
7.5°	5560.1	4553.0	3751.8	3121.4	2617.3	2214.2	1870.8	1578.5	1309.8	1060.1	769.7
5°	5655.8	4619.8	3801.2	3155.6	2643.8	2233.6	1885.9	1589.4	1318.0	1065.2	767.4
2.5°	5706.0	4657.6	3831.6	3173.8	2659.1	2244.1	1894.4	1594.7	1322.1	1065.9	762.1
0°	5713.8	4664.7	3840.2	3176.1	2662.8	2245.7	1896.1	1594.5	1321.8	1061.9	753.9
-2.5°	5706.0	4657.6	3831.6	3173.8	2659.1	2244.1	1894.4	1594.7	1322.1	1065.9	762.1
-5°	5655.8	4619.8	3801.2	3155.6	2643.8	2233.6	1885.9	1589.4	1318.0	1065.2	767.4
-7.5°	5560.1	4553.0	3751.8	3121.4	2617.3	2214.2	1870.8	1578.5	1309.8	1060.1	769.7
-10°	5423.4	4457.2	3684.4	3072.5	2582.3	2187.2	1849.7	1562.1	1297.6	1050.8	768.8
-12.5°	5247.6	4331.8	3595.2	3007.9	2536.7	2152.6	1824.3	1541.2	1281.8	1037.5	764.5
-15°	5034.4	4177.4	3484.7	2927.9	2480.1	2109.5	1792.5	1515.2	1262.9	1020.3	756.8
-17.5°	4784.7	3994.8	3353.2	2832.9	2412.7	2058.0	1754.2	1484.1	1240.3	1000.1	748.1
-20°	4546.8	3811.0	3207.1	2723.2	2334.8	1998.3	1709.8	1447.8	1214.0	977.6	739.1



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4294.5	3630.1	3076.1	2621.7	2252.5	1930.6	1659.2	1406.6	1184.2	953.2	727.8
-25°	4020.2	3429.9	2929.4	2515.7	2169.6	1867.9	1605.2	1360.5	1151.0	927.2	714.5
-27.5°	3767.4	3222.9	2766.6	2397.7	2077.9	1799.1	1548.6	1318.4	1114.9	900.0	699.3
-30°	3512.3	3031.3	2619.0	2273.8	1978.1	1723.6	1487.0	1273.3	1078.1	875.7	682.4
-32.5°	3246.8	2823.5	2467.2	2156.9	1883.6	1642.8	1420.4	1225.2	1041.3	852.4	668.8
-35°	3005.0	2632.3	2306.2	2032.1	1788.6	1564.3	1354.4	1174.1	1004.9	827.7	654.8
-37.5°	2756.2	2444.7	2163.2	1910.1	1687.8	1481.4	1292.1	1124.2	969.2	801.8	638.8
-40°	2545.1	2262.9	2013.0	1795.0	1590.0	1394.3	1225.8	1075.4	936.6	774.8	620.9
-42.5°	2328.5	2094.0	1875.4	1674.2	1490.8	1317.1	1157.3	1024.0	895.3	750.0	601.1
-45°	2140.7	1928.8	1738.6	1561.8	1390.2	1236.2	1097.8	970.7	850.9	725.1	580.7
-47.5°	1953.9	1775.7	1606.7	1445.7	1298.0	1156.2	1035.7	919.4	804.8	697.9	559.9
-50°	1784.1	1626.8	1478.4	1337.8	1201.8	1085.7	972.9	866.2	762.2	659.9	536.7
-52.5°	1622.7	1486.4	1356.5	1230.8	1117.2	1012.8	912.7	812.1	718.4	621.4	511.3
-55°	1470.2	1354.0	1238.8	1131.1	1031.9	943.0	851.0	762.8	673.6	581.5	484.2
-57.5°	1328.1	1225.2	1127.2	1033.3	949.4	871.4	793.3	712.4	626.5	540.0	459.3
-60°	1187.3	1101.7	1015.9	940.5	868.5	800.8	737.7	659.7	577.4	497.5	428.1
-62.5°	1051.5	978.4	915.3	850.0	786.3	730.5	679.8	602.4	526.5	455.5	393.4
-65°	919.2	864.7	814.4	754.1	701.4	656.3	611.4	543.4	474.0	411.5	356.8
-67.5°	787.9	743.7	699.4	653.0	616.7	579.8	540.0	480.0	419.1	365.5	318.3
-70°	653.1	617.6	589.9	564.4	534.9	502.2	463.0	413.0	362.2	319.0	278.8
-72.5°	524.0	507.2	494.5	477.9	451.3	420.3	384.9	345.1	307.2	271.6	238.5
-75°	400.5	401.7	400.9	390.5	366.4	338.8	311.1	281.2	251.2	223.3	195.8
-77.5°	305.5	309.1	309.9	304.2	284.5	263.2	240.3	216.2	195.8	175.2	152.3
-80°	217.1	221.9	223.4	219.8	204.2	187.6	173.1	158.2	143.7	127.1	108.7
-82.5°	135.1	139.4	141.6	140.7	132.0	122.8	112.9	102.6	91.5	79.0	71.6
-85°	68.1	69.4	69.1	67.1	62.6	57.9	57.9	57.0	54.7	51.6	47.8
-87.5°	22.8	24.8	26.4	27.6	28.5	28.9	28.9	28.5	27.3	25.8	23.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-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°	21.6	16.8	12.5	8.7	5.3	2.3	0.0
85°	43.1	33.6	25.0	17.3	10.6	4.6	0.0
82.5°	64.4	50.2	37.4	26.0	15.9	6.9	0.0
80°	87.4	66.7	49.7	34.5	21.1	9.2	0.0
77.5°	124.8	86.7	61.8	42.9	26.2	11.4	0.0
75°	161.2	113.4	74.8	51.1	31.3	13.6	0.0
72.5°	196.3	139.2	92.6	59.2	36.2	15.8	0.0
70°	229.7	164.0	109.9	67.7	41.0	17.9	0.0
67.5°	258.6	187.7	126.3	78.2	45.7	20.0	0.0
65°	286.2	209.5	142.0	88.2	50.2	22.1	0.0
62.5°	312.2	229.4	156.8	97.8	54.6	24.0	0.0
60°	336.5	248.2	170.6	106.7	58.8	25.9	0.0
57.5°	358.5	265.6	183.4	115.1	63.9	27.8	0.0
55°	378.8	281.7	195.4	122.9	68.8	29.5	0.0
52.5°	397.5	296.3	206.3	129.9	73.5	31.2	0.0
50°	414.3	309.9	216.3	136.3	78.0	32.8	0.0
47.5°	430.0	322.0	225.2	142.2	82.3	34.3	0.0
45°	447.6	332.8	233.1	147.9	86.4	35.8	0.0
42.5°	463.3	342.2	239.9	153.1	90.2	37.1	0.0
40°	477.0	350.1	246.0	158.7	93.8	38.4	0.0
37.5°	488.8	356.6	251.4	164.4	97.2	39.5	0.0
35°	498.6	363.9	255.8	169.7	100.3	40.6	0.0
32.5°	507.6	370.8	259.2	174.5	103.2	41.5	0.0
30°	517.5	376.1	261.6	178.8	105.7	42.4	0.0
27.5°	525.7	380.0	267.2	182.6	108.1	43.1	0.0
25°	532.0	382.2	272.5	185.9	110.1	43.8	0.0
22.5°	536.5	385.2	277.3	188.8	111.9	44.3	0.0
20°	539.1	392.2	281.3	191.1	113.4	44.8	0.0
17.5°	545.2	398.0	284.7	193.0	114.6	45.1	0.0
15°	552.4	402.5	287.4	194.4	115.6	45.4	0.0
12.5°	557.7	405.8	289.5	195.2	116.3	45.5	0.0
10°	561.0	407.8	290.8	195.6	116.7	45.6	0.0
7.5°	562.3	408.7	291.3	195.5	116.8	45.6	0.0
5°	561.7	408.3	291.2	195.0	116.6	45.4	0.0
2.5°	559.3	406.8	290.3	194.0	116.2	45.2	0.0
0°	555.0	404.2	288.7	192.5	115.5	44.9	0.0
-2.5°	559.3	406.8	290.3	194.0	116.2	45.2	0.0
-5°	561.7	408.3	291.2	195.0	116.6	45.4	0.0
-7.5°	562.3	408.7	291.3	195.5	116.8	45.6	0.0
-10°	561.0	407.8	290.8	195.6	116.7	45.6	0.0
-12.5°	557.7	405.8	289.5	195.2	116.3	45.5	0.0
-15°	552.4	402.5	287.4	194.4	115.6	45.4	0.0
-17.5°	545.2	398.0	284.7	193.0	114.6	45.1	0.0
-20°	539.1	392.2	281.3	191.1	113.4	44.8	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	536.5	385.2	277.3	188.8	111.9	44.3	0.0
-25°	532.0	382.2	272.5	185.9	110.1	43.8	0.0
-27.5°	525.7	380.0	267.2	182.6	108.1	43.1	0.0
-30°	517.5	376.1	261.6	178.8	105.7	42.4	0.0
-32.5°	507.6	370.8	259.2	174.5	103.2	41.5	0.0
-35°	498.6	363.9	255.8	169.7	100.3	40.6	0.0
-37.5°	488.8	356.6	251.4	164.4	97.2	39.5	0.0
-40°	477.0	350.1	246.0	158.7	93.8	38.4	0.0
-42.5°	463.3	342.2	239.9	153.1	90.2	37.1	0.0
-45°	447.6	332.8	233.1	147.9	86.4	35.8	0.0
-47.5°	430.0	322.0	225.2	142.2	82.3	34.3	0.0
-50°	414.3	309.9	216.3	136.3	78.0	32.8	0.0
-52.5°	397.5	296.3	206.3	129.9	73.5	31.2	0.0
-55°	378.8	281.7	195.4	122.9	68.8	29.5	0.0
-57.5°	358.5	265.6	183.4	115.1	63.9	27.8	0.0
-60°	336.5	248.2	170.6	106.7	58.8	25.9	0.0
-62.5°	312.2	229.4	156.8	97.8	54.6	24.0	0.0
-65°	286.2	209.5	142.0	88.2	50.2	22.1	0.0
-67.5°	258.6	187.7	126.3	78.2	45.7	20.0	0.0
-70°	229.7	164.0	109.9	67.7	41.0	17.9	0.0
-72.5°	196.3	139.2	92.6	59.2	36.2	15.8	0.0
-75°	161.2	113.4	74.8	51.1	31.3	13.6	0.0
-77.5°	124.8	86.7	61.8	42.9	26.2	11.4	0.0
-80°	87.4	66.7	49.7	34.5	21.1	9.2	0.0
-82.5°	64.4	50.2	37.4	26.0	15.9	6.9	0.0
-85°	43.1	33.6	25.0	17.3	10.6	4.6	0.0
-87.5°	21.6	16.8	12.5	8.7	5.3	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)