

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: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-730-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627453 (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-SA4D-730-U-WR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N94  
Light Source: (64) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

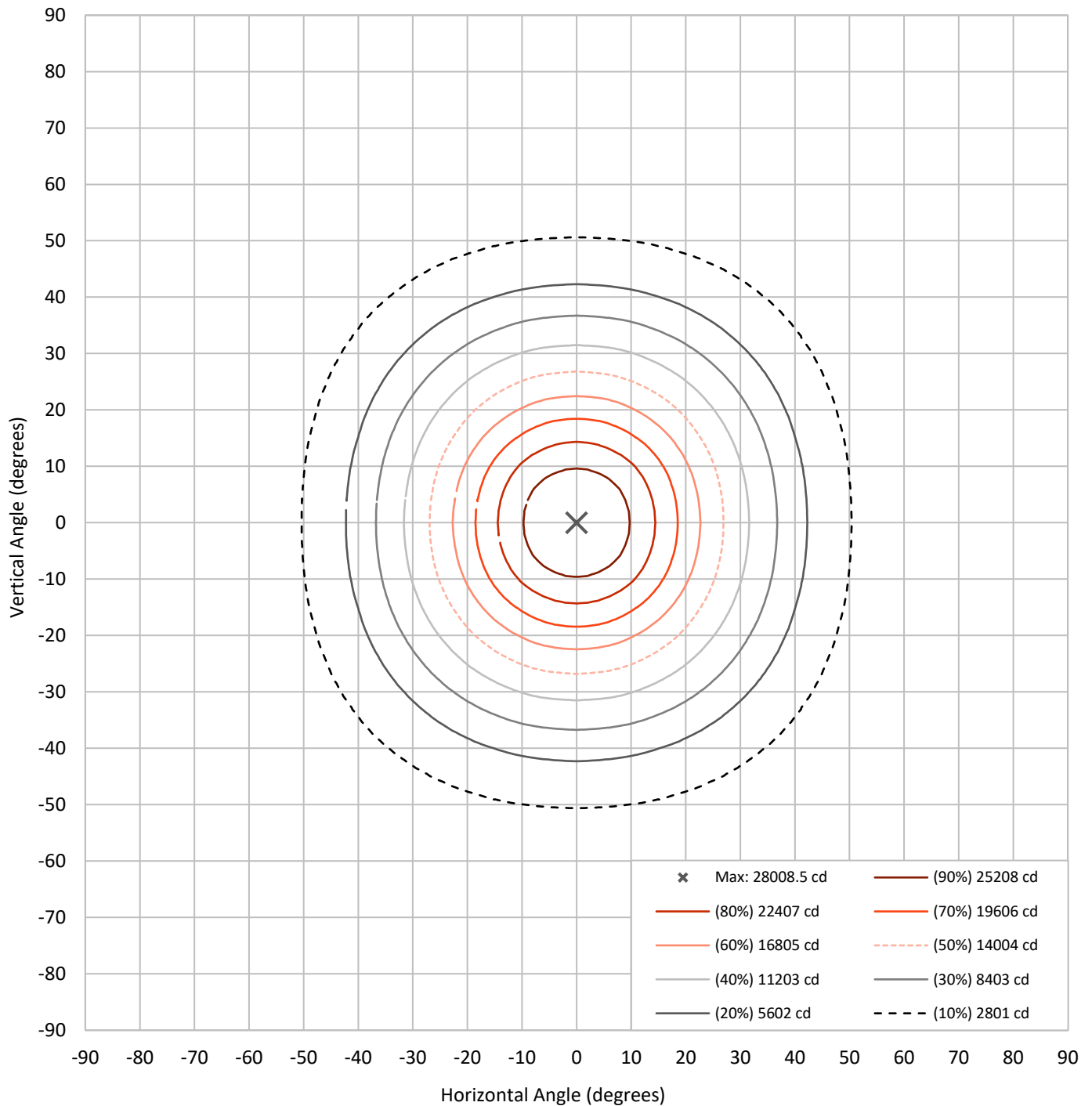
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	28506 lumens	Max Intensity:	28008.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	13629.9 lumens	Field Lumens:	25157.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	221.4		
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: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-730-U-WR-XX

### Iso-Candela Plot





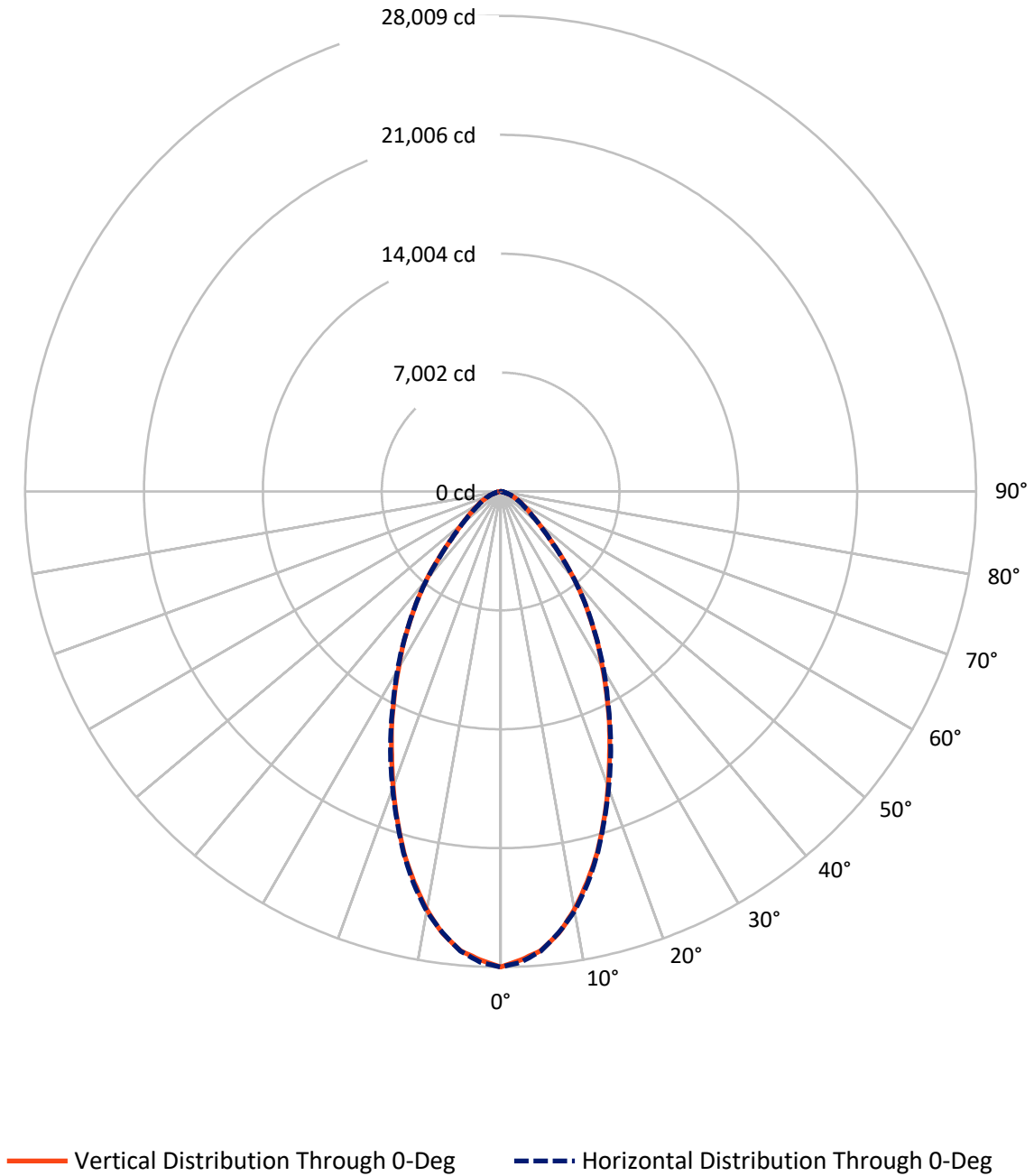
REPORT NUMBER: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-730-U-WR-XX

### Lumen Table

90																			
80	1.1	7.9		17.9		29.8		25.6		29.8		17.9		7.9		1.1			
70																			
60	3.7	4.3	8.2	13.1	19.0	24.7	29.0	31.0	31.0	29.0	24.7	19.0	13.1	8.2	4.3	3.7			
50		6.1	12.4	21.4	32.8	45.1	56.3	62.8	62.8	56.3	45.1	32.8	21.4	12.4	6.1				
40	5.5	7.9	17.1	31.9	53.8	82.7	114.1	135.0	135.0	114.1	82.7	53.8	31.9	17.1	7.9	5.5			
30		9.5	22.4	46.4	90.4	160.4	233.1	276.5	276.5	233.1	160.4	90.4	46.4	22.4	9.5				
20	6.5	11.1	27.9	65.0	146.1	262.5	375.7	449.1	449.1	375.7	262.5	146.1	65.0	27.9	11.1	6.5			
10		12.4	32.7	84.3	199.3	354.5	523.4	643.9	643.9	523.4	354.5	199.3	84.3	32.7	12.4				
0	6.8	13.0	35.4	96.8	229.5	412.2	627.2	788.8	788.8	627.2	412.2	229.5	96.8	35.4	13.0	6.8			
-10		13.0	35.4	96.8	229.5	412.2	627.2	788.8	788.8	627.2	412.2	229.5	96.8	35.4	13.0				
-20	6.5	12.4	32.7	84.3	199.3	354.5	523.4	643.9	643.9	523.4	354.5	199.3	84.3	32.7	12.4	6.5			
-30		11.1	27.9	65.0	146.1	262.5	375.7	449.1	449.1	375.7	262.5	146.1	65.0	27.9	11.1				
-40	5.5	9.5	22.4	46.4	90.4	160.4	233.1	276.5	276.5	233.1	160.4	90.4	46.4	22.4	9.5	5.5			
-50		7.9	17.1	31.9	53.8	82.7	114.1	135.0	135.0	114.1	82.7	53.8	31.9	17.1	7.9				
-60	3.7	6.1	12.4	21.4	32.8	45.1	56.3	62.8	62.8	56.3	45.1	32.8	21.4	12.4	6.1	3.7			
-70		4.3	8.2	13.1	19.0	24.7	29.0	31.0	31.0	29.0	24.7	19.0	13.1	8.2	4.3				
-80																			
-90	1.1	7.9		17.9		29.8		25.6		29.8		17.9		7.9		1.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

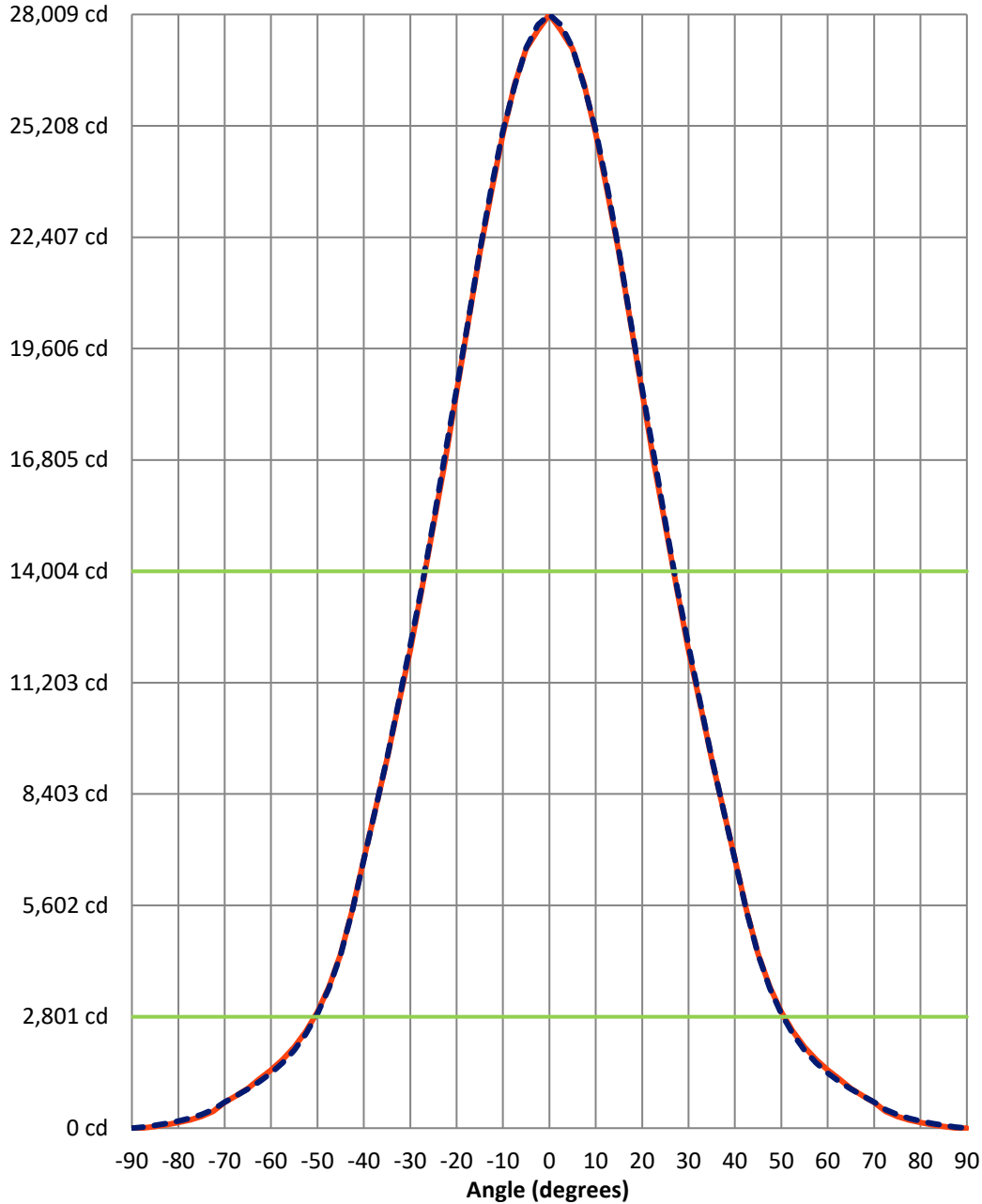
REPORT NUMBER: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-730-U-WR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-730-U-WR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 13629.9  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 25157.6  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 3348.5  
 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: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	1.4	3.3	5.4	7.7	10.4	13.3	14.7	15.9	16.9	17.6
85°	0.0	2.8	6.5	10.7	15.4	20.7	26.6	29.5	31.9	33.8	35.2
82.5°	0.0	4.3	9.8	16.0	23.1	31.0	39.7	44.2	48.8	56.5	63.3
80°	0.0	5.7	13.0	21.3	30.6	41.2	54.0	67.1	78.5	88.6	97.6
77.5°	0.0	7.0	16.2	26.4	38.1	53.5	77.0	94.0	108.1	120.8	133.4
75°	0.0	8.4	19.3	31.5	46.1	70.0	99.5	120.8	137.8	155.0	173.5
72.5°	0.0	9.7	22.3	36.5	57.2	85.9	121.1	147.1	167.6	189.5	212.9
70°	0.0	11.1	25.3	41.7	67.8	101.2	141.7	172.0	196.8	223.5	254.8
67.5°	0.0	12.3	28.2	48.2	77.9	115.8	159.6	196.4	225.5	258.6	296.1
65°	0.0	13.6	31.0	54.4	87.6	129.3	176.6	220.1	253.9	292.4	335.3
62.5°	0.0	14.8	33.7	60.3	96.7	141.6	192.6	242.7	281.0	324.8	371.7
60°	0.0	16.0	36.2	65.8	105.2	153.1	207.6	264.1	306.9	356.2	407.0
57.5°	0.0	17.1	39.4	71.0	113.2	163.9	221.2	283.4	333.2	386.6	439.6
55°	0.0	18.2	42.4	75.8	120.5	173.8	233.7	298.7	358.8	415.6	470.7
52.5°	0.0	19.3	45.3	80.1	127.3	182.8	245.2	315.5	383.4	443.3	501.1
50°	0.0	20.2	48.1	84.1	133.4	191.2	255.6	331.2	407.2	470.3	534.5
47.5°	0.0	21.2	50.8	87.7	139.0	198.7	265.3	345.5	430.6	496.6	567.3
45°	0.0	22.1	53.3	91.3	143.8	205.3	276.2	358.3	447.4	525.0	598.9
42.5°	0.0	22.9	55.7	94.4	148.0	211.1	285.8	370.9	462.8	552.4	631.8
40°	0.0	23.7	57.9	97.9	151.7	216.0	294.3	383.1	478.1	577.9	663.6
37.5°	0.0	24.4	60.0	101.4	155.1	220.0	301.6	394.2	494.7	598.0	693.7
35°	0.0	25.0	61.9	104.7	157.8	224.5	307.6	404.1	510.7	620.1	724.5
32.5°	0.0	25.6	63.6	107.6	159.9	228.8	313.2	412.7	525.9	642.5	756.0
30°	0.0	26.1	65.2	110.3	161.4	232.1	319.3	421.1	540.3	665.2	785.7
27.5°	0.0	26.6	66.7	112.7	164.8	234.4	324.4	431.5	555.3	687.9	813.5
25°	0.0	27.0	68.0	114.7	168.1	235.8	328.3	440.9	572.1	710.2	839.5
22.5°	0.0	27.3	69.1	116.5	171.1	237.7	331.0	449.1	588.1	730.7	867.9
20°	0.0	27.6	70.0	117.9	173.6	242.0	332.6	456.0	603.2	749.1	893.3
17.5°	0.0	27.8	70.8	119.1	175.7	245.5	336.4	461.6	617.1	765.3	915.7
15°	0.0	28.0	71.3	119.9	177.4	248.3	340.9	466.9	629.5	779.3	934.9
12.5°	0.0	28.1	71.8	120.5	178.6	250.3	344.1	471.7	640.1	790.9	950.9
10°	0.0	28.1	72.0	120.7	179.4	251.6	346.2	474.4	648.4	800.6	963.9
7.5°	0.0	28.1	72.1	120.7	179.8	252.1	347.0	474.9	654.1	808.2	973.9
5°	0.0	28.0	72.0	120.3	179.7	251.9	346.6	473.5	657.3	813.3	980.6
2.5°	0.0	27.9	71.7	119.7	179.2	251.0	345.1	470.3	657.7	815.8	983.9
0°	0.0	27.7	71.3	118.8	178.2	249.4	342.5	465.2	655.2	815.6	983.8
-2.5°	0.0	27.9	71.7	119.7	179.2	251.0	345.1	470.3	657.7	815.8	983.9
-5°	0.0	28.0	72.0	120.3	179.7	251.9	346.6	473.5	657.3	813.3	980.6
-7.5°	0.0	28.1	72.1	120.7	179.8	252.1	347.0	474.9	654.1	808.2	973.9
-10°	0.0	28.1	72.0	120.7	179.4	251.6	346.2	474.4	648.4	800.6	963.9
-12.5°	0.0	28.1	71.8	120.5	178.6	250.3	344.1	471.7	640.1	790.9	950.9
-15°	0.0	28.0	71.3	119.9	177.4	248.3	340.9	466.9	629.5	779.3	934.9
-17.5°	0.0	27.8	70.8	119.1	175.7	245.5	336.4	461.6	617.1	765.3	915.7
-20°	0.0	27.6	70.0	117.9	173.6	242.0	332.6	456.0	603.2	749.1	893.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	27.3	69.1	116.5	171.1	237.7	331.0	449.1	588.1	730.7	867.9
-25°	0.0	27.0	68.0	114.7	168.1	235.8	328.3	440.9	572.1	710.2	839.5
-27.5°	0.0	26.6	66.7	112.7	164.8	234.4	324.4	431.5	555.3	687.9	813.5
-30°	0.0	26.1	65.2	110.3	161.4	232.1	319.3	421.1	540.3	665.2	785.7
-32.5°	0.0	25.6	63.6	107.6	159.9	228.8	313.2	412.7	525.9	642.5	756.0
-35°	0.0	25.0	61.9	104.7	157.8	224.5	307.6	404.1	510.7	620.1	724.5
-37.5°	0.0	24.4	60.0	101.4	155.1	220.0	301.6	394.2	494.7	598.0	693.7
-40°	0.0	23.7	57.9	97.9	151.7	216.0	294.3	383.1	478.1	577.9	663.6
-42.5°	0.0	22.9	55.7	94.4	148.0	211.1	285.8	370.9	462.8	552.4	631.8
-45°	0.0	22.1	53.3	91.3	143.8	205.3	276.2	358.3	447.4	525.0	598.9
-47.5°	0.0	21.2	50.8	87.7	139.0	198.7	265.3	345.5	430.6	496.6	567.3
-50°	0.0	20.2	48.1	84.1	133.4	191.2	255.6	331.2	407.2	470.3	534.5
-52.5°	0.0	19.3	45.3	80.1	127.3	182.8	245.2	315.5	383.4	443.3	501.1
-55°	0.0	18.2	42.4	75.8	120.5	173.8	233.7	298.7	358.8	415.6	470.7
-57.5°	0.0	17.1	39.4	71.0	113.2	163.9	221.2	283.4	333.2	386.6	439.6
-60°	0.0	16.0	36.2	65.8	105.2	153.1	207.6	264.1	306.9	356.2	407.0
-62.5°	0.0	14.8	33.7	60.3	96.7	141.6	192.6	242.7	281.0	324.8	371.7
-65°	0.0	13.6	31.0	54.4	87.6	129.3	176.6	220.1	253.9	292.4	335.3
-67.5°	0.0	12.3	28.2	48.2	77.9	115.8	159.6	196.4	225.5	258.6	296.1
-70°	0.0	11.1	25.3	41.7	67.8	101.2	141.7	172.0	196.8	223.5	254.8
-72.5°	0.0	9.7	22.3	36.5	57.2	85.9	121.1	147.1	167.6	189.5	212.9
-75°	0.0	8.4	19.3	31.5	46.1	70.0	99.5	120.8	137.8	155.0	173.5
-77.5°	0.0	7.0	16.2	26.4	38.1	53.5	77.0	94.0	108.1	120.8	133.4
-80°	0.0	5.7	13.0	21.3	30.6	41.2	54.0	67.1	78.5	88.6	97.6
-82.5°	0.0	4.3	9.8	16.0	23.1	31.0	39.7	44.2	48.8	56.5	63.3
-85°	0.0	2.8	6.5	10.7	15.4	20.7	26.6	29.5	31.9	33.8	35.2
-87.5°	0.0	1.4	3.3	5.4	7.7	10.4	13.3	14.7	15.9	16.9	17.6
-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: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	17.8	17.8	17.6	17.0	16.3	15.3	14.1	12.6	13.1	13.6	14.1
85°	35.7	35.7	38.7	41.4	42.7	42.8	42.0	40.2	45.4	51.4	57.7
82.5°	69.7	75.7	81.5	86.8	87.4	86.0	83.4	80.3	90.8	103.7	117.0
80°	106.8	115.7	126.0	135.6	137.9	136.9	133.9	129.1	143.0	162.7	184.0
77.5°	148.2	162.4	175.5	187.7	191.2	190.7	188.5	184.6	202.3	229.6	258.1
75°	191.9	209.0	226.1	241.0	247.4	247.9	247.1	251.3	274.7	306.7	335.0
72.5°	237.5	259.3	278.4	294.9	305.2	313.0	323.3	336.1	359.7	391.1	418.8
70°	285.6	309.9	330.1	348.3	364.0	381.1	403.0	424.7	449.6	481.0	509.8
67.5°	333.2	357.7	380.5	402.9	431.5	458.9	486.2	514.6	545.9	578.9	608.0
65°	377.2	405.0	432.8	465.3	502.5	533.6	567.2	604.1	645.2	682.3	716.0
62.5°	419.5	450.8	485.2	524.5	564.8	603.6	648.7	696.2	744.2	790.7	836.9
60°	455.2	494.2	535.9	580.3	626.8	679.7	732.6	789.1	846.4	902.4	959.5
57.5°	489.5	537.7	585.8	637.5	695.5	756.0	819.5	883.1	951.6	1019.4	1084.2
55°	525.1	581.8	636.6	697.9	764.4	835.4	907.2	984.2	1059.9	1145.3	1224.0
52.5°	563.2	624.9	689.3	759.4	837.0	917.2	1001.2	1089.6	1183.9	1278.7	1374.9
50°	600.2	669.9	741.6	825.5	912.2	1003.8	1100.9	1203.9	1313.6	1423.4	1539.8
47.5°	639.0	713.4	800.9	892.0	991.4	1095.7	1205.6	1328.1	1450.0	1588.3	1721.8
45°	677.4	762.8	857.8	963.7	1072.8	1190.2	1320.9	1455.4	1611.1	1767.3	1942.7
42.5°	714.1	812.7	919.8	1033.0	1157.2	1292.1	1436.8	1605.9	1781.5	1974.7	2180.7
40°	756.4	860.3	981.0	1107.5	1242.1	1396.3	1570.4	1758.2	1972.3	2201.3	2435.2
37.5°	797.2	914.0	1041.4	1178.6	1334.8	1508.4	1700.7	1930.8	2177.9	2438.3	2756.5
35°	835.6	965.2	1103.6	1253.9	1423.0	1624.2	1854.2	2108.5	2393.3	2729.0	3100.4
32.5°	876.4	1013.6	1162.2	1330.9	1522.3	1742.1	2003.3	2302.7	2639.7	3022.0	3486.7
30°	917.5	1063.5	1220.5	1403.0	1616.0	1870.4	2167.1	2498.0	2885.7	3365.2	3910.7
27.5°	955.5	1110.1	1282.1	1479.4	1707.0	1988.6	2324.5	2712.4	3169.1	3711.0	4348.3
25°	990.4	1152.5	1338.7	1552.2	1807.5	2116.3	2480.6	2910.0	3452.7	4098.9	4882.8
22.5°	1023.7	1191.2	1389.8	1617.6	1898.0	2239.9	2649.8	3141.2	3741.1	4466.4	5406.5
20°	1054.9	1233.0	1440.6	1680.2	1978.8	2351.5	2805.5	3357.1	4039.8	4898.4	5920.0
17.5°	1082.4	1269.8	1488.7	1747.9	2069.0	2464.9	2952.3	3547.7	4305.6	5284.1	6393.9
15°	1106.0	1301.6	1530.3	1806.6	2150.2	2577.6	3106.3	3756.7	4582.9	5635.0	6810.0
12.5°	1125.6	1328.2	1565.2	1855.9	2218.4	2672.8	3237.9	3943.0	4853.0	5965.4	7175.2
10°	1141.3	1349.5	1593.4	1895.7	2273.4	2750.2	3346.3	4095.4	5077.8	6248.6	7484.2
7.5°	1154.3	1366.2	1614.9	1925.9	2315.0	2809.3	3430.7	4213.0	5253.4	6472.9	7721.3
5°	1163.6	1378.2	1631.3	1947.0	2345.5	2850.5	3489.8	4295.2	5378.3	6635.4	7883.5
2.5°	1168.8	1384.7	1640.7	1958.3	2364.2	2873.8	3520.8	4346.8	5447.0	6728.2	7981.5
0°	1169.9	1385.7	1643.0	1959.7	2369.5	2878.2	3525.6	4362.9	5461.5	6752.2	8017.1
-2.5°	1168.8	1384.7	1640.7	1958.3	2364.2	2873.8	3520.8	4346.8	5447.0	6728.2	7981.5
-5°	1163.6	1378.2	1631.3	1947.0	2345.5	2850.5	3489.8	4295.2	5378.3	6635.4	7883.5
-7.5°	1154.3	1366.2	1614.9	1925.9	2315.0	2809.3	3430.7	4213.0	5253.4	6472.9	7721.3
-10°	1141.3	1349.5	1593.4	1895.7	2273.4	2750.2	3346.3	4095.4	5077.8	6248.6	7484.2
-12.5°	1125.6	1328.2	1565.2	1855.9	2218.4	2672.8	3237.9	3943.0	4853.0	5965.4	7175.2
-15°	1106.0	1301.6	1530.3	1806.6	2150.2	2577.6	3106.3	3756.7	4582.9	5635.0	6810.0
-17.5°	1082.4	1269.8	1488.7	1747.9	2069.0	2464.9	2952.3	3547.7	4305.6	5284.1	6393.9
-20°	1054.9	1233.0	1440.6	1680.2	1978.8	2351.5	2805.5	3357.1	4039.8	4898.4	5920.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	1023.7	1191.2	1389.8	1617.6	1898.0	2239.9	2649.8	3141.2	3741.1	4466.4	5406.5
-25°	990.4	1152.5	1338.7	1552.2	1807.5	2116.3	2480.6	2910.0	3452.7	4098.9	4882.8
-27.5°	955.5	1110.1	1282.1	1479.4	1707.0	1988.6	2324.5	2712.4	3169.1	3711.0	4348.3
-30°	917.5	1063.5	1220.5	1403.0	1616.0	1870.4	2167.1	2498.0	2885.7	3365.2	3910.7
-32.5°	876.4	1013.6	1162.2	1330.9	1522.3	1742.1	2003.3	2302.7	2639.7	3022.0	3486.7
-35°	835.6	965.2	1103.6	1253.9	1423.0	1624.2	1854.2	2108.5	2393.3	2729.0	3100.4
-37.5°	797.2	914.0	1041.4	1178.6	1334.8	1508.4	1700.7	1930.8	2177.9	2438.3	2756.5
-40°	756.4	860.3	981.0	1107.5	1242.1	1396.3	1570.4	1758.2	1972.3	2201.3	2435.2
-42.5°	714.1	812.7	919.8	1033.0	1157.2	1292.1	1436.8	1605.9	1781.5	1974.7	2180.7
-45°	677.4	762.8	857.8	963.7	1072.8	1190.2	1320.9	1455.4	1611.1	1767.3	1942.7
-47.5°	639.0	713.4	800.9	892.0	991.4	1095.7	1205.6	1328.1	1450.0	1588.3	1721.8
-50°	600.2	669.9	741.6	825.5	912.2	1003.8	1100.9	1203.9	1313.6	1423.4	1539.8
-52.5°	563.2	624.9	689.3	759.4	837.0	917.2	1001.2	1089.6	1183.9	1278.7	1374.9
-55°	525.1	581.8	636.6	697.9	764.4	835.4	907.2	984.2	1059.9	1145.3	1224.0
-57.5°	489.5	537.7	585.8	637.5	695.5	756.0	819.5	883.1	951.6	1019.4	1084.2
-60°	455.2	494.2	535.9	580.3	626.8	679.7	732.6	789.1	846.4	902.4	959.5
-62.5°	419.5	450.8	485.2	524.5	564.8	603.6	648.7	696.2	744.2	790.7	836.9
-65°	377.2	405.0	432.8	465.3	502.5	533.6	567.2	604.1	645.2	682.3	716.0
-67.5°	333.2	357.7	380.5	402.9	431.5	458.9	486.2	514.6	545.9	578.9	608.0
-70°	285.6	309.9	330.1	348.3	364.0	381.1	403.0	424.7	449.6	481.0	509.8
-72.5°	237.5	259.3	278.4	294.9	305.2	313.0	323.3	336.1	359.7	391.1	418.8
-75°	191.9	209.0	226.1	241.0	247.4	247.9	247.1	251.3	274.7	306.7	335.0
-77.5°	148.2	162.4	175.5	187.7	191.2	190.7	188.5	184.6	202.3	229.6	258.1
-80°	106.8	115.7	126.0	135.6	137.9	136.9	133.9	129.1	143.0	162.7	184.0
-82.5°	69.7	75.7	81.5	86.8	87.4	86.0	83.4	80.3	90.8	103.7	117.0
-85°	35.7	35.7	38.7	41.4	42.7	42.8	42.0	40.2	45.4	51.4	57.7
-87.5°	17.8	17.8	17.6	17.0	16.3	15.3	14.1	12.6	13.1	13.6	14.1
-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: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	14.6	14.2	13.7	13.2	12.6	12.4	12.1	11.8	11.5	10.6	9.8
85°	64.4	65.8	66.6	67.0	67.0	69.2	71.2	73.0	74.6	67.6	59.9
82.5°	130.9	137.1	142.4	147.8	153.1	156.7	159.5	161.5	162.8	147.3	130.0
80°	206.0	218.9	229.6	239.9	249.6	252.1	252.0	250.6	247.9	226.8	202.9
77.5°	286.6	303.5	316.9	330.2	343.2	348.1	350.4	352.2	353.4	327.3	295.2
75°	359.6	379.8	398.5	415.9	431.9	440.5	445.5	449.7	452.8	426.6	392.2
72.5°	442.9	464.2	484.5	503.8	520.8	532.1	539.5	545.6	550.4	535.4	513.9
70°	534.5	556.5	578.0	598.1	617.3	632.5	644.5	654.8	663.3	665.0	664.2
67.5°	636.1	662.2	687.7	709.6	732.5	754.0	772.8	788.4	800.9	809.2	813.8
65°	750.2	789.4	824.3	853.8	878.6	907.2	932.4	951.7	965.3	975.6	984.5
62.5°	884.7	932.2	972.1	1011.5	1052.1	1091.7	1116.3	1141.1	1165.3	1188.2	1207.7
60°	1014.2	1066.2	1120.2	1170.5	1217.1	1260.0	1304.3	1343.6	1377.9	1406.7	1428.1
57.5°	1152.2	1215.5	1276.9	1340.8	1400.9	1456.9	1511.7	1562.2	1605.9	1642.7	1672.7
55°	1301.8	1379.3	1452.3	1533.4	1612.0	1683.7	1749.7	1817.3	1878.3	1931.9	1974.5
52.5°	1463.3	1564.1	1660.7	1755.9	1857.8	1949.7	2032.0	2125.8	2208.9	2277.7	2331.2
50°	1656.0	1774.4	1902.0	2020.0	2148.5	2275.0	2391.7	2504.7	2615.2	2710.9	2788.2
47.5°	1875.5	2021.2	2179.2	2335.6	2495.1	2668.1	2822.5	2966.0	3120.5	3254.7	3362.3
45°	2119.4	2305.2	2496.0	2715.9	2918.5	3140.7	3346.5	3531.2	3750.4	3943.5	4098.9
42.5°	2390.0	2637.5	2888.5	3165.5	3434.2	3716.4	4016.1	4281.9	4572.7	4849.8	5073.8
40°	2725.4	3021.3	3357.4	3692.7	4078.4	4440.8	4877.4	5274.2	5634.5	5965.0	6235.8
37.5°	3098.2	3479.1	3901.3	4338.0	4865.8	5383.2	5894.3	6376.8	6802.8	7164.5	7467.9
35°	3521.4	4005.4	4516.8	5154.3	5772.7	6392.4	6969.6	7497.0	7960.4	8368.4	8715.4
32.5°	4008.1	4589.0	5304.9	6021.1	6726.5	7408.8	8042.6	8617.8	9125.9	9584.0	9983.1
30°	4519.9	5312.5	6116.0	6901.6	7672.1	8419.4	9115.0	9748.6	10322.8	10832.8	11292.5
27.5°	5170.2	6048.5	6924.7	7771.6	8619.3	9437.2	10191.0	10894.9	11553.7	12130.1	12655.6
25°	5799.1	6769.5	7700.9	8624.4	9547.1	10425.2	11268.1	12063.0	12817.6	13479.2	14065.9
22.5°	6428.0	7443.7	8439.0	9432.0	10423.1	11402.1	12348.5	13259.3	14103.1	14856.5	15516.9
20°	7010.5	8072.2	9136.6	10207.1	11281.4	12352.9	13415.9	14440.9	15381.0	16250.8	17015.2
17.5°	7532.7	8661.9	9790.3	10935.3	12100.0	13263.3	14444.2	15593.2	16667.9	17657.6	18544.3
15°	7995.1	9173.4	10385.3	11620.9	12871.5	14135.0	15423.5	16709.0	17918.8	19042.9	20032.9
12.5°	8399.5	9624.5	10894.7	12207.5	13564.9	14941.3	16347.5	17756.6	19095.9	20393.7	21462.6
10°	8733.1	10008.1	11335.7	12715.1	14146.5	15628.0	17136.5	18653.4	20129.0	21505.7	22728.1
7.5°	8990.7	10313.5	11681.5	13116.2	14618.0	16180.2	17778.3	19388.0	20962.6	22446.1	23798.6
5°	9172.5	10535.8	11921.0	13413.4	14967.4	16586.2	18247.2	19924.7	21570.8	23130.6	24532.3
2.5°	9278.0	10669.3	12060.5	13594.0	15175.2	16831.9	18537.9	20243.0	21932.6	23550.3	24990.8
0°	9305.8	10709.3	12140.5	13613.3	15240.5	16946.8	18591.8	20302.1	22058.0	23653.5	25088.6
-2.5°	9278.0	10669.3	12060.5	13594.0	15175.2	16831.9	18537.9	20243.0	21932.6	23550.3	24990.8
-5°	9172.5	10535.8	11921.0	13413.4	14967.4	16586.2	18247.2	19924.7	21570.8	23130.6	24532.3
-7.5°	8990.7	10313.5	11681.5	13116.2	14618.0	16180.2	17778.3	19388.0	20962.6	22446.1	23798.6
-10°	8733.1	10008.1	11335.7	12715.1	14146.5	15628.0	17136.5	18653.4	20129.0	21505.7	22728.1
-12.5°	8399.5	9624.5	10894.7	12207.5	13564.9	14941.3	16347.5	17756.6	19095.9	20393.7	21462.6
-15°	7995.1	9173.4	10385.3	11620.9	12871.5	14135.0	15423.5	16709.0	17918.8	19042.9	20032.9
-17.5°	7532.7	8661.9	9790.3	10935.3	12100.0	13263.3	14444.2	15593.2	16667.9	17657.6	18544.3
-20°	7010.5	8072.2	9136.6	10207.1	11281.4	12352.9	13415.9	14440.9	15381.0	16250.8	17015.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	6428.0	7443.7	8439.0	9432.0	10423.1	11402.1	12348.5	13259.3	14103.1	14856.5	15516.9
-25°	5799.1	6769.5	7700.9	8624.4	9547.1	10425.2	11268.1	12063.0	12817.6	13479.2	14065.9
-27.5°	5170.2	6048.5	6924.7	7771.6	8619.3	9437.2	10191.0	10894.9	11553.7	12130.1	12655.6
-30°	4519.9	5312.5	6116.0	6901.6	7672.1	8419.4	9115.0	9748.6	10322.8	10832.8	11292.5
-32.5°	4008.1	4589.0	5304.9	6021.1	6726.5	7408.8	8042.6	8617.8	9125.9	9584.0	9983.1
-35°	3521.4	4005.4	4516.8	5154.3	5772.7	6392.4	6969.6	7497.0	7960.4	8368.4	8715.4
-37.5°	3098.2	3479.1	3901.3	4338.0	4865.8	5383.2	5894.3	6376.8	6802.8	7164.5	7467.9
-40°	2725.4	3021.3	3357.4	3692.7	4078.4	4440.8	4877.4	5274.2	5634.5	5965.0	6235.8
-42.5°	2390.0	2637.5	2888.5	3165.5	3434.2	3716.4	4016.1	4281.9	4572.7	4849.8	5073.8
-45°	2119.4	2305.2	2496.0	2715.9	2918.5	3140.7	3346.5	3531.2	3750.4	3943.5	4098.9
-47.5°	1875.5	2021.2	2179.2	2335.6	2495.1	2668.1	2822.5	2966.0	3120.5	3254.7	3362.3
-50°	1656.0	1774.4	1902.0	2020.0	2148.5	2275.0	2391.7	2504.7	2615.2	2710.9	2788.2
-52.5°	1463.3	1564.1	1660.7	1755.9	1857.8	1949.7	2032.0	2125.8	2208.9	2277.7	2331.2
-55°	1301.8	1379.3	1452.3	1533.4	1612.0	1683.7	1749.7	1817.3	1878.3	1931.9	1974.5
-57.5°	1152.2	1215.5	1276.9	1340.8	1400.9	1456.9	1511.7	1562.2	1605.9	1642.7	1672.7
-60°	1014.2	1066.2	1120.2	1170.5	1217.1	1260.0	1304.3	1343.6	1377.9	1406.7	1428.1
-62.5°	884.7	932.2	972.1	1011.5	1052.1	1091.7	1116.3	1141.1	1165.3	1188.2	1207.7
-65°	750.2	789.4	824.3	853.8	878.6	907.2	932.4	951.7	965.3	975.6	984.5
-67.5°	636.1	662.2	687.7	709.6	732.5	754.0	772.8	788.4	800.9	809.2	813.8
-70°	534.5	556.5	578.0	598.1	617.3	632.5	644.5	654.8	663.3	665.0	664.2
-72.5°	442.9	464.2	484.5	503.8	520.8	532.1	539.5	545.6	550.4	535.4	513.9
-75°	359.6	379.8	398.5	415.9	431.9	440.5	445.5	449.7	452.8	426.6	392.2
-77.5°	286.6	303.5	316.9	330.2	343.2	348.1	350.4	352.2	353.4	327.3	295.2
-80°	206.0	218.9	229.6	239.9	249.6	252.1	252.0	250.6	247.9	226.8	202.9
-82.5°	130.9	137.1	142.4	147.8	153.1	156.7	159.5	161.5	162.8	147.3	130.0
-85°	64.4	65.8	66.6	67.0	67.0	69.2	71.2	73.0	74.6	67.6	59.9
-87.5°	14.6	14.2	13.7	13.2	12.6	12.4	12.1	11.8	11.5	10.6	9.8
-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: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	8.8	7.9	6.9	5.9	6.9	7.9	8.8	9.8	10.6	11.5	11.8
85°	51.8	43.3	42.5	41.6	42.5	43.3	51.8	59.9	67.6	74.6	73.0
82.5°	111.7	92.8	89.9	87.1	89.9	92.8	111.7	130.0	147.3	162.8	161.5
80°	178.0	152.3	147.3	142.5	147.3	152.3	178.0	202.9	226.8	247.9	250.6
77.5°	261.3	226.0	215.7	205.9	215.7	226.0	261.3	295.2	327.3	353.4	352.2
75°	356.3	319.2	306.7	295.0	306.7	319.2	356.3	392.2	426.6	452.8	449.7
72.5°	492.0	469.4	446.6	421.6	446.6	469.4	492.0	513.9	535.4	550.4	545.6
70°	663.5	661.9	656.2	647.3	656.2	661.9	663.5	664.2	665.0	663.3	654.8
67.5°	815.8	815.1	817.1	817.5	817.1	815.1	815.8	813.8	809.2	800.9	788.4
65°	989.9	991.8	995.9	997.7	995.9	991.8	989.9	984.5	975.6	965.3	951.7
62.5°	1222.7	1232.8	1237.8	1237.2	1237.8	1232.8	1222.7	1207.7	1188.2	1165.3	1141.1
60°	1444.1	1454.6	1461.2	1462.9	1461.2	1454.6	1444.1	1428.1	1406.7	1377.9	1343.6
57.5°	1696.5	1713.7	1722.9	1724.2	1722.9	1713.7	1696.5	1672.7	1642.7	1605.9	1562.2
55°	2007.1	2029.9	2040.1	2038.9	2040.1	2029.9	2007.1	1974.5	1931.9	1878.3	1817.3
52.5°	2371.7	2399.5	2420.3	2432.9	2420.3	2399.5	2371.7	2331.2	2277.7	2208.9	2125.8
50°	2846.3	2886.1	2911.5	2921.8	2911.5	2886.1	2846.3	2788.2	2710.9	2615.2	2504.7
47.5°	3440.1	3492.9	3532.0	3559.2	3532.0	3492.9	3440.1	3362.3	3254.7	3120.5	2966.0
45°	4213.7	4294.2	4348.8	4380.7	4348.8	4294.2	4213.7	4098.9	3943.5	3750.4	3531.2
42.5°	5248.7	5373.5	5450.0	5479.4	5450.0	5373.5	5248.7	5073.8	4849.8	4572.7	4281.9
40°	6449.7	6599.7	6698.1	6766.1	6698.1	6599.7	6449.7	6235.8	5965.0	5634.5	5274.2
37.5°	7700.8	7858.3	7954.1	8019.1	7954.1	7858.3	7700.8	7467.9	7164.5	6802.8	6376.8
35°	8977.0	9141.9	9231.8	9282.0	9231.8	9141.9	8977.0	8715.4	8368.4	7960.4	7497.0
32.5°	10287.3	10468.9	10566.6	10667.7	10566.6	10468.9	10287.3	9983.1	9584.0	9125.9	8617.8
30°	11655.8	11864.2	11966.4	12015.8	11966.4	11864.2	11655.8	11292.5	10832.8	10322.8	9748.6
27.5°	13079.7	13339.6	13467.6	13551.9	13467.6	13339.6	13079.7	12655.6	12130.1	11553.7	10894.9
25°	14561.4	14883.4	15030.1	15161.3	15030.1	14883.4	14561.4	14065.9	13479.2	12817.6	12063.0
22.5°	16098.7	16499.7	16669.5	16762.7	16669.5	16499.7	16098.7	15516.9	14856.5	14103.1	13259.3
20°	17676.1	18155.3	18391.2	18512.6	18391.2	18155.3	17676.1	17015.2	16250.8	15381.0	14440.9
17.5°	19289.1	19885.2	20190.4	20260.6	20190.4	19885.2	19289.1	18544.3	17657.6	16667.9	15593.2
15°	20872.7	21517.4	21878.3	22010.5	21878.3	21517.4	20872.7	20032.9	19042.9	17918.8	16709.0
12.5°	22372.3	23040.5	23471.8	23548.6	23471.8	23040.5	22372.3	21462.6	20393.7	19095.9	17756.6
10°	23732.4	24424.6	24900.9	25009.5	24900.9	24424.6	23732.4	22728.1	21505.7	20129.0	18653.4
7.5°	24869.4	25628.9	26155.1	26246.7	26155.1	25628.9	24869.4	23798.6	22446.1	20962.6	19388.0
5°	25701.3	26603.1	27035.0	27143.4	27035.0	26603.1	25701.3	24532.3	23130.6	21570.8	19924.7
2.5°	26157.7	27075.7	27676.0	27606.6	27676.0	27075.7	26157.7	24990.8	23550.3	21932.6	20243.0
0°	26209.1	27169.1	27743.2	28008.5	27743.2	27169.1	26209.1	25088.6	23653.5	22058.0	20302.1
-2.5°	26157.7	27075.7	27676.0	27606.6	27676.0	27075.7	26157.7	24990.8	23550.3	21932.6	20243.0
-5°	25701.3	26603.1	27035.0	27143.4	27035.0	26603.1	25701.3	24532.3	23130.6	21570.8	19924.7
-7.5°	24869.4	25628.9	26155.1	26246.7	26155.1	25628.9	24869.4	23798.6	22446.1	20962.6	19388.0
-10°	23732.4	24424.6	24900.9	25009.5	24900.9	24424.6	23732.4	22728.1	21505.7	20129.0	18653.4
-12.5°	22372.3	23040.5	23471.8	23548.6	23471.8	23040.5	22372.3	21462.6	20393.7	19095.9	17756.6
-15°	20872.7	21517.4	21878.3	22010.5	21878.3	21517.4	20872.7	20032.9	19042.9	17918.8	16709.0
-17.5°	19289.1	19885.2	20190.4	20260.6	20190.4	19885.2	19289.1	18544.3	17657.6	16667.9	15593.2
-20°	17676.1	18155.3	18391.2	18512.6	18391.2	18155.3	17676.1	17015.2	16250.8	15381.0	14440.9



REPORT NUMBER: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	16098.7	16499.7	16669.5	16762.7	16669.5	16499.7	16098.7	15516.9	14856.5	14103.1	13259.3
-25°	14561.4	14883.4	15030.1	15161.3	15030.1	14883.4	14561.4	14065.9	13479.2	12817.6	12063.0
-27.5°	13079.7	13339.6	13467.6	13551.9	13467.6	13339.6	13079.7	12655.6	12130.1	11553.7	10894.9
-30°	11655.8	11864.2	11966.4	12015.8	11966.4	11864.2	11655.8	11292.5	10832.8	10322.8	9748.6
-32.5°	10287.3	10468.9	10566.6	10667.7	10566.6	10468.9	10287.3	9983.1	9584.0	9125.9	8617.8
-35°	8977.0	9141.9	9231.8	9282.0	9231.8	9141.9	8977.0	8715.4	8368.4	7960.4	7497.0
-37.5°	7700.8	7858.3	7954.1	8019.1	7954.1	7858.3	7700.8	7467.9	7164.5	6802.8	6376.8
-40°	6449.7	6599.7	6698.1	6766.1	6698.1	6599.7	6449.7	6235.8	5965.0	5634.5	5274.2
-42.5°	5248.7	5373.5	5450.0	5479.4	5450.0	5373.5	5248.7	5073.8	4849.8	4572.7	4281.9
-45°	4213.7	4294.2	4348.8	4380.7	4348.8	4294.2	4213.7	4098.9	3943.5	3750.4	3531.2
-47.5°	3440.1	3492.9	3532.0	3559.2	3532.0	3492.9	3440.1	3362.3	3254.7	3120.5	2966.0
-50°	2846.3	2886.1	2911.5	2921.8	2911.5	2886.1	2846.3	2788.2	2710.9	2615.2	2504.7
-52.5°	2371.7	2399.5	2420.3	2432.9	2420.3	2399.5	2371.7	2331.2	2277.7	2208.9	2125.8
-55°	2007.1	2029.9	2040.1	2038.9	2040.1	2029.9	2007.1	1974.5	1931.9	1878.3	1817.3
-57.5°	1696.5	1713.7	1722.9	1724.2	1722.9	1713.7	1696.5	1672.7	1642.7	1605.9	1562.2
-60°	1444.1	1454.6	1461.2	1462.9	1461.2	1454.6	1444.1	1428.1	1406.7	1377.9	1343.6
-62.5°	1222.7	1232.8	1237.8	1237.2	1237.8	1232.8	1222.7	1207.7	1188.2	1165.3	1141.1
-65°	989.9	991.8	995.9	997.7	995.9	991.8	989.9	984.5	975.6	965.3	951.7
-67.5°	815.8	815.1	817.1	817.5	817.1	815.1	815.8	813.8	809.2	800.9	788.4
-70°	663.5	661.9	656.2	647.3	656.2	661.9	663.5	664.2	665.0	663.3	654.8
-72.5°	492.0	469.4	446.6	421.6	446.6	469.4	492.0	513.9	535.4	550.4	545.6
-75°	356.3	319.2	306.7	295.0	306.7	319.2	356.3	392.2	426.6	452.8	449.7
-77.5°	261.3	226.0	215.7	205.9	215.7	226.0	261.3	295.2	327.3	353.4	352.2
-80°	178.0	152.3	147.3	142.5	147.3	152.3	178.0	202.9	226.8	247.9	250.6
-82.5°	111.7	92.8	89.9	87.1	89.9	92.8	111.7	130.0	147.3	162.8	161.5
-85°	51.8	43.3	42.5	41.6	42.5	43.3	51.8	59.9	67.6	74.6	73.0
-87.5°	8.8	7.9	6.9	5.9	6.9	7.9	8.8	9.8	10.6	11.5	11.8
-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: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	12.1	12.4	12.6	13.2	13.7	14.2	14.6	14.1	13.6	13.1	12.6
85°	71.2	69.2	67.0	67.0	66.6	65.8	64.4	57.7	51.4	45.4	40.2
82.5°	159.5	156.7	153.1	147.8	142.4	137.1	130.9	117.0	103.7	90.8	80.3
80°	252.0	252.1	249.6	239.9	229.6	218.9	206.0	184.0	162.7	143.0	129.1
77.5°	350.4	348.1	343.2	330.2	316.9	303.5	286.6	258.1	229.6	202.3	184.6
75°	445.5	440.5	431.9	415.9	398.5	379.8	359.6	335.0	306.7	274.7	251.3
72.5°	539.5	532.1	520.8	503.8	484.5	464.2	442.9	418.8	391.1	359.7	336.1
70°	644.5	632.5	617.3	598.1	578.0	556.5	534.5	509.8	481.0	449.6	424.7
67.5°	772.8	754.0	732.5	709.6	687.7	662.2	636.1	608.0	578.9	545.9	514.6
65°	932.4	907.2	878.6	853.8	824.3	789.4	750.2	716.0	682.3	645.2	604.1
62.5°	1116.3	1091.7	1052.1	1011.5	972.1	932.2	884.7	836.9	790.7	744.2	696.2
60°	1304.3	1260.0	1217.1	1170.5	1120.2	1066.2	1014.2	959.5	902.4	846.4	789.1
57.5°	1511.7	1456.9	1400.9	1340.8	1276.9	1215.5	1152.2	1084.2	1019.4	951.6	883.1
55°	1749.7	1683.7	1612.0	1533.4	1452.3	1379.3	1301.8	1224.0	1145.3	1059.9	984.2
52.5°	2032.0	1949.7	1857.8	1755.9	1660.7	1564.1	1463.3	1374.9	1278.7	1183.9	1089.6
50°	2391.7	2275.0	2148.5	2020.0	1902.0	1774.4	1656.0	1539.8	1423.4	1313.6	1203.9
47.5°	2822.5	2668.1	2495.1	2335.6	2179.2	2021.2	1875.5	1721.8	1588.3	1450.0	1328.1
45°	3346.5	3140.7	2918.5	2715.9	2496.0	2305.2	2119.4	1942.7	1767.3	1611.1	1455.4
42.5°	4016.1	3716.4	3434.2	3165.5	2888.5	2637.5	2390.0	2180.7	1974.7	1781.5	1605.9
40°	4877.4	4440.8	4078.4	3692.7	3357.4	3021.3	2725.4	2435.2	2201.3	1972.3	1758.2
37.5°	5894.3	5383.2	4865.8	4338.0	3901.3	3479.1	3098.2	2756.5	2438.3	2177.9	1930.8
35°	6969.6	6392.4	5772.7	5154.3	4516.8	4005.4	3521.4	3100.4	2729.0	2393.3	2108.5
32.5°	8042.6	7408.8	6726.5	6021.1	5304.9	4589.0	4008.1	3486.7	3022.0	2639.7	2302.7
30°	9115.0	8419.4	7672.1	6901.6	6116.0	5312.5	4519.9	3910.7	3365.2	2885.7	2498.0
27.5°	10191.0	9437.2	8619.3	7771.6	6924.7	6048.5	5170.2	4348.3	3711.0	3169.1	2712.4
25°	11268.1	10425.2	9547.1	8624.4	7700.9	6769.5	5799.1	4882.8	4098.9	3452.7	2910.0
22.5°	12348.5	11402.1	10423.1	9432.0	8439.0	7443.7	6428.0	5406.5	4466.4	3741.1	3141.2
20°	13415.9	12352.9	11281.4	10207.1	9136.6	8072.2	7010.5	5920.0	4898.4	4039.8	3357.1
17.5°	14444.2	13263.3	12100.0	10935.3	9790.3	8661.9	7532.7	6393.9	5284.1	4305.6	3547.7
15°	15423.5	14135.0	12871.5	11620.9	10385.3	9173.4	7995.1	6810.0	5635.0	4582.9	3756.7
12.5°	16347.5	14941.3	13564.9	12207.5	10894.7	9624.5	8399.5	7175.2	5965.4	4853.0	3943.0
10°	17136.5	15628.0	14146.5	12715.1	11335.7	10008.1	8733.1	7484.2	6248.6	5077.8	4095.4
7.5°	17778.3	16180.2	14618.0	13116.2	11681.5	10313.5	8990.7	7721.3	6472.9	5253.4	4213.0
5°	18247.2	16586.2	14967.4	13413.4	11921.0	10535.8	9172.5	7883.5	6635.4	5378.3	4295.2
2.5°	18537.9	16831.9	15175.2	13594.0	12060.5	10669.3	9278.0	7981.5	6728.2	5447.0	4346.8
0°	18591.8	16946.8	15240.5	13613.3	12140.5	10709.3	9305.8	8017.1	6752.2	5461.5	4362.9
-2.5°	18537.9	16831.9	15175.2	13594.0	12060.5	10669.3	9278.0	7981.5	6728.2	5447.0	4346.8
-5°	18247.2	16586.2	14967.4	13413.4	11921.0	10535.8	9172.5	7883.5	6635.4	5378.3	4295.2
-7.5°	17778.3	16180.2	14618.0	13116.2	11681.5	10313.5	8990.7	7721.3	6472.9	5253.4	4213.0
-10°	17136.5	15628.0	14146.5	12715.1	11335.7	10008.1	8733.1	7484.2	6248.6	5077.8	4095.4
-12.5°	16347.5	14941.3	13564.9	12207.5	10894.7	9624.5	8399.5	7175.2	5965.4	4853.0	3943.0
-15°	15423.5	14135.0	12871.5	11620.9	10385.3	9173.4	7995.1	6810.0	5635.0	4582.9	3756.7
-17.5°	14444.2	13263.3	12100.0	10935.3	9790.3	8661.9	7532.7	6393.9	5284.1	4305.6	3547.7
-20°	13415.9	12352.9	11281.4	10207.1	9136.6	8072.2	7010.5	5920.0	4898.4	4039.8	3357.1



REPORT NUMBER: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	12348.5	11402.1	10423.1	9432.0	8439.0	7443.7	6428.0	5406.5	4466.4	3741.1	3141.2
-25°	11268.1	10425.2	9547.1	8624.4	7700.9	6769.5	5799.1	4882.8	4098.9	3452.7	2910.0
-27.5°	10191.0	9437.2	8619.3	7771.6	6924.7	6048.5	5170.2	4348.3	3711.0	3169.1	2712.4
-30°	9115.0	8419.4	7672.1	6901.6	6116.0	5312.5	4519.9	3910.7	3365.2	2885.7	2498.0
-32.5°	8042.6	7408.8	6726.5	6021.1	5304.9	4589.0	4008.1	3486.7	3022.0	2639.7	2302.7
-35°	6969.6	6392.4	5772.7	5154.3	4516.8	4005.4	3521.4	3100.4	2729.0	2393.3	2108.5
-37.5°	5894.3	5383.2	4865.8	4338.0	3901.3	3479.1	3098.2	2756.5	2438.3	2177.9	1930.8
-40°	4877.4	4440.8	4078.4	3692.7	3357.4	3021.3	2725.4	2435.2	2201.3	1972.3	1758.2
-42.5°	4016.1	3716.4	3434.2	3165.5	2888.5	2637.5	2390.0	2180.7	1974.7	1781.5	1605.9
-45°	3346.5	3140.7	2918.5	2715.9	2496.0	2305.2	2119.4	1942.7	1767.3	1611.1	1455.4
-47.5°	2822.5	2668.1	2495.1	2335.6	2179.2	2021.2	1875.5	1721.8	1588.3	1450.0	1328.1
-50°	2391.7	2275.0	2148.5	2020.0	1902.0	1774.4	1656.0	1539.8	1423.4	1313.6	1203.9
-52.5°	2032.0	1949.7	1857.8	1755.9	1660.7	1564.1	1463.3	1374.9	1278.7	1183.9	1089.6
-55°	1749.7	1683.7	1612.0	1533.4	1452.3	1379.3	1301.8	1224.0	1145.3	1059.9	984.2
-57.5°	1511.7	1456.9	1400.9	1340.8	1276.9	1215.5	1152.2	1084.2	1019.4	951.6	883.1
-60°	1304.3	1260.0	1217.1	1170.5	1120.2	1066.2	1014.2	959.5	902.4	846.4	789.1
-62.5°	1116.3	1091.7	1052.1	1011.5	972.1	932.2	884.7	836.9	790.7	744.2	696.2
-65°	932.4	907.2	878.6	853.8	824.3	789.4	750.2	716.0	682.3	645.2	604.1
-67.5°	772.8	754.0	732.5	709.6	687.7	662.2	636.1	608.0	578.9	545.9	514.6
-70°	644.5	632.5	617.3	598.1	578.0	556.5	534.5	509.8	481.0	449.6	424.7
-72.5°	539.5	532.1	520.8	503.8	484.5	464.2	442.9	418.8	391.1	359.7	336.1
-75°	445.5	440.5	431.9	415.9	398.5	379.8	359.6	335.0	306.7	274.7	251.3
-77.5°	350.4	348.1	343.2	330.2	316.9	303.5	286.6	258.1	229.6	202.3	184.6
-80°	252.0	252.1	249.6	239.9	229.6	218.9	206.0	184.0	162.7	143.0	129.1
-82.5°	159.5	156.7	153.1	147.8	142.4	137.1	130.9	117.0	103.7	90.8	80.3
-85°	71.2	69.2	67.0	67.0	66.6	65.8	64.4	57.7	51.4	45.4	40.2
-87.5°	12.1	12.4	12.6	13.2	13.7	14.2	14.6	14.1	13.6	13.1	12.6
-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: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	14.1	15.3	16.3	17.0	17.6	17.8	17.8	17.6	16.9	15.9	14.7
85°	42.0	42.8	42.7	41.4	38.7	35.7	35.7	35.2	33.8	31.9	29.5
82.5°	83.4	86.0	87.4	86.8	81.5	75.7	69.7	63.3	56.5	48.8	44.2
80°	133.9	136.9	137.9	135.6	126.0	115.7	106.8	97.6	88.6	78.5	67.1
77.5°	188.5	190.7	191.2	187.7	175.5	162.4	148.2	133.4	120.8	108.1	94.0
75°	247.1	247.9	247.4	241.0	226.1	209.0	191.9	173.5	155.0	137.8	120.8
72.5°	323.3	313.0	305.2	294.9	278.4	259.3	237.5	212.9	189.5	167.6	147.1
70°	403.0	381.1	364.0	348.3	330.1	309.9	285.6	254.8	223.5	196.8	172.0
67.5°	486.2	458.9	431.5	402.9	380.5	357.7	333.2	296.1	258.6	225.5	196.4
65°	567.2	533.6	502.5	465.3	432.8	405.0	377.2	335.3	292.4	253.9	220.1
62.5°	648.7	603.6	564.8	524.5	485.2	450.8	419.5	371.7	324.8	281.0	242.7
60°	732.6	679.7	626.8	580.3	535.9	494.2	455.2	407.0	356.2	306.9	264.1
57.5°	819.5	756.0	695.5	637.5	585.8	537.7	489.5	439.6	386.6	333.2	283.4
55°	907.2	835.4	764.4	697.9	636.6	581.8	525.1	470.7	415.6	358.8	298.7
52.5°	1001.2	917.2	837.0	759.4	689.3	624.9	563.2	501.1	443.3	383.4	315.5
50°	1100.9	1003.8	912.2	825.5	741.6	669.9	600.2	534.5	470.3	407.2	331.2
47.5°	1205.6	1095.7	991.4	892.0	800.9	713.4	639.0	567.3	496.6	430.6	345.5
45°	1320.9	1190.2	1072.8	963.7	857.8	762.8	677.4	598.9	525.0	447.4	358.3
42.5°	1436.8	1292.1	1157.2	1033.0	919.8	812.7	714.1	631.8	552.4	462.8	370.9
40°	1570.4	1396.3	1242.1	1107.5	981.0	860.3	756.4	663.6	577.9	478.1	383.1
37.5°	1700.7	1508.4	1334.8	1178.6	1041.4	914.0	797.2	693.7	598.0	494.7	394.2
35°	1854.2	1624.2	1423.0	1253.9	1103.6	965.2	835.6	724.5	620.1	510.7	404.1
32.5°	2003.3	1742.1	1522.3	1330.9	1162.2	1013.6	876.4	756.0	642.5	525.9	412.7
30°	2167.1	1870.4	1616.0	1403.0	1220.5	1063.5	917.5	785.7	665.2	540.3	421.1
27.5°	2324.5	1988.6	1707.0	1479.4	1282.1	1110.1	955.5	813.5	687.9	555.3	431.5
25°	2480.6	2116.3	1807.5	1552.2	1338.7	1152.5	990.4	839.5	710.2	572.1	440.9
22.5°	2649.8	2239.9	1898.0	1617.6	1389.8	1191.2	1023.7	867.9	730.7	588.1	449.1
20°	2805.5	2351.5	1978.8	1680.2	1440.6	1233.0	1054.9	893.3	749.1	603.2	456.0
17.5°	2952.3	2464.9	2069.0	1747.9	1488.7	1269.8	1082.4	915.7	765.3	617.1	461.6
15°	3106.3	2577.6	2150.2	1806.6	1530.3	1301.6	1106.0	934.9	779.3	629.5	466.9
12.5°	3237.9	2672.8	2218.4	1855.9	1565.2	1328.2	1125.6	950.9	790.9	640.1	471.7
10°	3346.3	2750.2	2273.4	1895.7	1593.4	1349.5	1141.3	963.9	800.6	648.4	474.4
7.5°	3430.7	2809.3	2315.0	1925.9	1614.9	1366.2	1154.3	973.9	808.2	654.1	474.9
5°	3489.8	2850.5	2345.5	1947.0	1631.3	1378.2	1163.6	980.6	813.3	657.3	473.5
2.5°	3520.8	2873.8	2364.2	1958.3	1640.7	1384.7	1168.8	983.9	815.8	657.7	470.3
0°	3525.6	2878.2	2369.5	1959.7	1643.0	1385.7	1169.9	983.8	815.6	655.2	465.2
-2.5°	3520.8	2873.8	2364.2	1958.3	1640.7	1384.7	1168.8	983.9	815.8	657.7	470.3
-5°	3489.8	2850.5	2345.5	1947.0	1631.3	1378.2	1163.6	980.6	813.3	657.3	473.5
-7.5°	3430.7	2809.3	2315.0	1925.9	1614.9	1366.2	1154.3	973.9	808.2	654.1	474.9
-10°	3346.3	2750.2	2273.4	1895.7	1593.4	1349.5	1141.3	963.9	800.6	648.4	474.4
-12.5°	3237.9	2672.8	2218.4	1855.9	1565.2	1328.2	1125.6	950.9	790.9	640.1	471.7
-15°	3106.3	2577.6	2150.2	1806.6	1530.3	1301.6	1106.0	934.9	779.3	629.5	466.9
-17.5°	2952.3	2464.9	2069.0	1747.9	1488.7	1269.8	1082.4	915.7	765.3	617.1	461.6
-20°	2805.5	2351.5	1978.8	1680.2	1440.6	1233.0	1054.9	893.3	749.1	603.2	456.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	2649.8	2239.9	1898.0	1617.6	1389.8	1191.2	1023.7	867.9	730.7	588.1	449.1
-25°	2480.6	2116.3	1807.5	1552.2	1338.7	1152.5	990.4	839.5	710.2	572.1	440.9
-27.5°	2324.5	1988.6	1707.0	1479.4	1282.1	1110.1	955.5	813.5	687.9	555.3	431.5
-30°	2167.1	1870.4	1616.0	1403.0	1220.5	1063.5	917.5	785.7	665.2	540.3	421.1
-32.5°	2003.3	1742.1	1522.3	1330.9	1162.2	1013.6	876.4	756.0	642.5	525.9	412.7
-35°	1854.2	1624.2	1423.0	1253.9	1103.6	965.2	835.6	724.5	620.1	510.7	404.1
-37.5°	1700.7	1508.4	1334.8	1178.6	1041.4	914.0	797.2	693.7	598.0	494.7	394.2
-40°	1570.4	1396.3	1242.1	1107.5	981.0	860.3	756.4	663.6	577.9	478.1	383.1
-42.5°	1436.8	1292.1	1157.2	1033.0	919.8	812.7	714.1	631.8	552.4	462.8	370.9
-45°	1320.9	1190.2	1072.8	963.7	857.8	762.8	677.4	598.9	525.0	447.4	358.3
-47.5°	1205.6	1095.7	991.4	892.0	800.9	713.4	639.0	567.3	496.6	430.6	345.5
-50°	1100.9	1003.8	912.2	825.5	741.6	669.9	600.2	534.5	470.3	407.2	331.2
-52.5°	1001.2	917.2	837.0	759.4	689.3	624.9	563.2	501.1	443.3	383.4	315.5
-55°	907.2	835.4	764.4	697.9	636.6	581.8	525.1	470.7	415.6	358.8	298.7
-57.5°	819.5	756.0	695.5	637.5	585.8	537.7	489.5	439.6	386.6	333.2	283.4
-60°	732.6	679.7	626.8	580.3	535.9	494.2	455.2	407.0	356.2	306.9	264.1
-62.5°	648.7	603.6	564.8	524.5	485.2	450.8	419.5	371.7	324.8	281.0	242.7
-65°	567.2	533.6	502.5	465.3	432.8	405.0	377.2	335.3	292.4	253.9	220.1
-67.5°	486.2	458.9	431.5	402.9	380.5	357.7	333.2	296.1	258.6	225.5	196.4
-70°	403.0	381.1	364.0	348.3	330.1	309.9	285.6	254.8	223.5	196.8	172.0
-72.5°	323.3	313.0	305.2	294.9	278.4	259.3	237.5	212.9	189.5	167.6	147.1
-75°	247.1	247.9	247.4	241.0	226.1	209.0	191.9	173.5	155.0	137.8	120.8
-77.5°	188.5	190.7	191.2	187.7	175.5	162.4	148.2	133.4	120.8	108.1	94.0
-80°	133.9	136.9	137.9	135.6	126.0	115.7	106.8	97.6	88.6	78.5	67.1
-82.5°	83.4	86.0	87.4	86.8	81.5	75.7	69.7	63.3	56.5	48.8	44.2
-85°	42.0	42.8	42.7	41.4	38.7	35.7	35.7	35.2	33.8	31.9	29.5
-87.5°	14.1	15.3	16.3	17.0	17.6	17.8	17.8	17.6	16.9	15.9	14.7
-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: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	13.3	10.4	7.7	5.4	3.3	1.4	0.0
85°	26.6	20.7	15.4	10.7	6.5	2.8	0.0
82.5°	39.7	31.0	23.1	16.0	9.8	4.3	0.0
80°	54.0	41.2	30.6	21.3	13.0	5.7	0.0
77.5°	77.0	53.5	38.1	26.4	16.2	7.0	0.0
75°	99.5	70.0	46.1	31.5	19.3	8.4	0.0
72.5°	121.1	85.9	57.2	36.5	22.3	9.7	0.0
70°	141.7	101.2	67.8	41.7	25.3	11.1	0.0
67.5°	159.6	115.8	77.9	48.2	28.2	12.3	0.0
65°	176.6	129.3	87.6	54.4	31.0	13.6	0.0
62.5°	192.6	141.6	96.7	60.3	33.7	14.8	0.0
60°	207.6	153.1	105.2	65.8	36.2	16.0	0.0
57.5°	221.2	163.9	113.2	71.0	39.4	17.1	0.0
55°	233.7	173.8	120.5	75.8	42.4	18.2	0.0
52.5°	245.2	182.8	127.3	80.1	45.3	19.3	0.0
50°	255.6	191.2	133.4	84.1	48.1	20.2	0.0
47.5°	265.3	198.7	139.0	87.7	50.8	21.2	0.0
45°	276.2	205.3	143.8	91.3	53.3	22.1	0.0
42.5°	285.8	211.1	148.0	94.4	55.7	22.9	0.0
40°	294.3	216.0	151.7	97.9	57.9	23.7	0.0
37.5°	301.6	220.0	155.1	101.4	60.0	24.4	0.0
35°	307.6	224.5	157.8	104.7	61.9	25.0	0.0
32.5°	313.2	228.8	159.9	107.6	63.6	25.6	0.0
30°	319.3	232.1	161.4	110.3	65.2	26.1	0.0
27.5°	324.4	234.4	164.8	112.7	66.7	26.6	0.0
25°	328.3	235.8	168.1	114.7	68.0	27.0	0.0
22.5°	331.0	237.7	171.1	116.5	69.1	27.3	0.0
20°	332.6	242.0	173.6	117.9	70.0	27.6	0.0
17.5°	336.4	245.5	175.7	119.1	70.8	27.8	0.0
15°	340.9	248.3	177.4	119.9	71.3	28.0	0.0
12.5°	344.1	250.3	178.6	120.5	71.8	28.1	0.0
10°	346.2	251.6	179.4	120.7	72.0	28.1	0.0
7.5°	347.0	252.1	179.8	120.7	72.1	28.1	0.0
5°	346.6	251.9	179.7	120.3	72.0	28.0	0.0
2.5°	345.1	251.0	179.2	119.7	71.7	27.9	0.0
0°	342.5	249.4	178.2	118.8	71.3	27.7	0.0
-2.5°	345.1	251.0	179.2	119.7	71.7	27.9	0.0
-5°	346.6	251.9	179.7	120.3	72.0	28.0	0.0
-7.5°	347.0	252.1	179.8	120.7	72.1	28.1	0.0
-10°	346.2	251.6	179.4	120.7	72.0	28.1	0.0
-12.5°	344.1	250.3	178.6	120.5	71.8	28.1	0.0
-15°	340.9	248.3	177.4	119.9	71.3	28.0	0.0
-17.5°	336.4	245.5	175.7	119.1	70.8	27.8	0.0
-20°	332.6	242.0	173.6	117.9	70.0	27.6	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627453 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	331.0	237.7	171.1	116.5	69.1	27.3	0.0
-25°	328.3	235.8	168.1	114.7	68.0	27.0	0.0
-27.5°	324.4	234.4	164.8	112.7	66.7	26.6	0.0
-30°	319.3	232.1	161.4	110.3	65.2	26.1	0.0
-32.5°	313.2	228.8	159.9	107.6	63.6	25.6	0.0
-35°	307.6	224.5	157.8	104.7	61.9	25.0	0.0
-37.5°	301.6	220.0	155.1	101.4	60.0	24.4	0.0
-40°	294.3	216.0	151.7	97.9	57.9	23.7	0.0
-42.5°	285.8	211.1	148.0	94.4	55.7	22.9	0.0
-45°	276.2	205.3	143.8	91.3	53.3	22.1	0.0
-47.5°	265.3	198.7	139.0	87.7	50.8	21.2	0.0
-50°	255.6	191.2	133.4	84.1	48.1	20.2	0.0
-52.5°	245.2	182.8	127.3	80.1	45.3	19.3	0.0
-55°	233.7	173.8	120.5	75.8	42.4	18.2	0.0
-57.5°	221.2	163.9	113.2	71.0	39.4	17.1	0.0
-60°	207.6	153.1	105.2	65.8	36.2	16.0	0.0
-62.5°	192.6	141.6	96.7	60.3	33.7	14.8	0.0
-65°	176.6	129.3	87.6	54.4	31.0	13.6	0.0
-67.5°	159.6	115.8	77.9	48.2	28.2	12.3	0.0
-70°	141.7	101.2	67.8	41.7	25.3	11.1	0.0
-72.5°	121.1	85.9	57.2	36.5	22.3	9.7	0.0
-75°	99.5	70.0	46.1	31.5	19.3	8.4	0.0
-77.5°	77.0	53.5	38.1	26.4	16.2	7.0	0.0
-80°	54.0	41.2	30.6	21.3	13.0	5.7	0.0
-82.5°	39.7	31.0	23.1	16.0	9.8	4.3	0.0
-85°	26.6	20.7	15.4	10.7	6.5	2.8	0.0
-87.5°	13.3	10.4	7.7	5.4	3.3	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)