

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: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-730-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627873 (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-SA6C-730-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N141
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

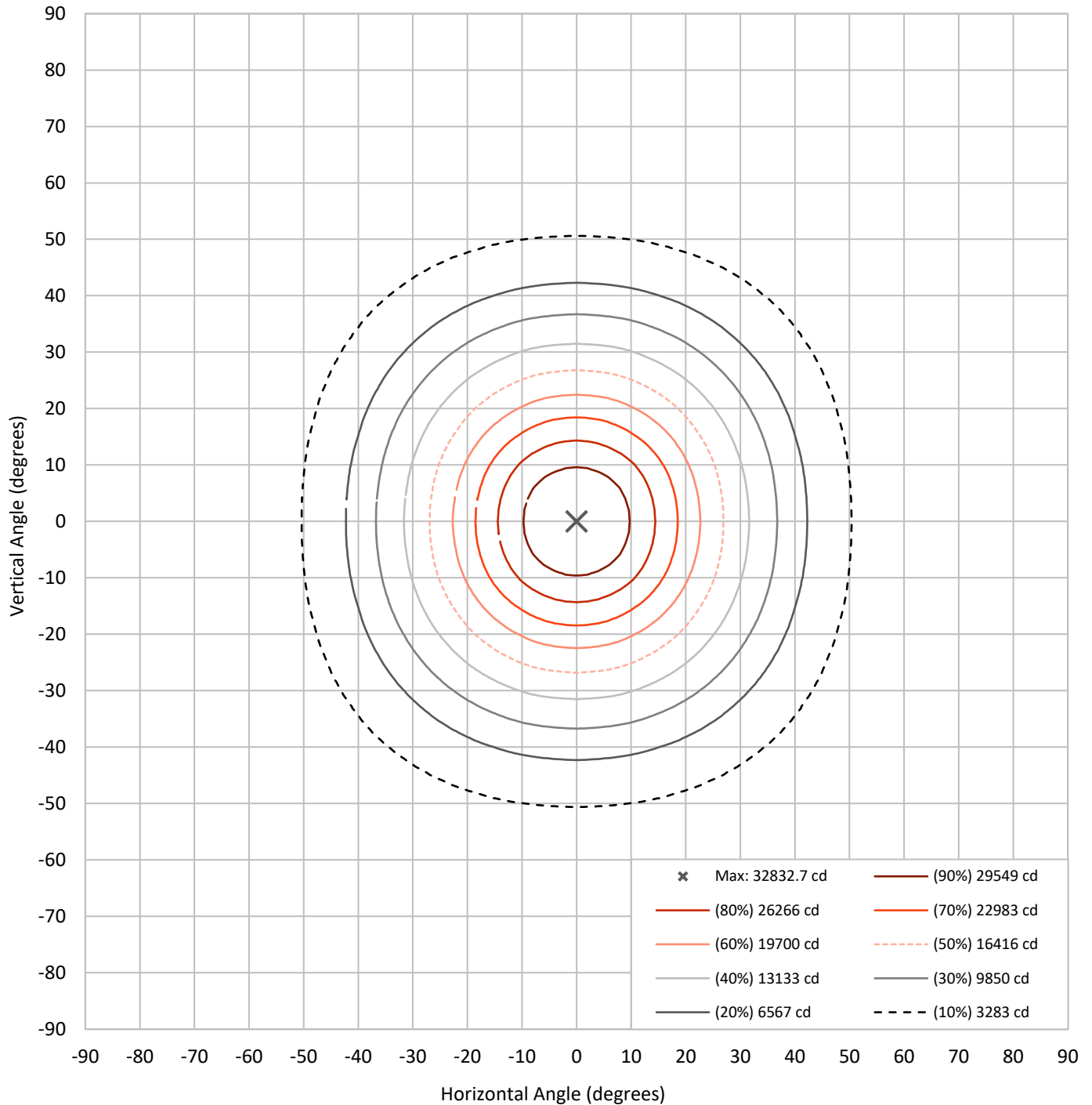
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	33416 lumens	Max Intensity:	32832.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	135.0 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:	15977.5 lumens	Field Lumens:	29490.8 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	247.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





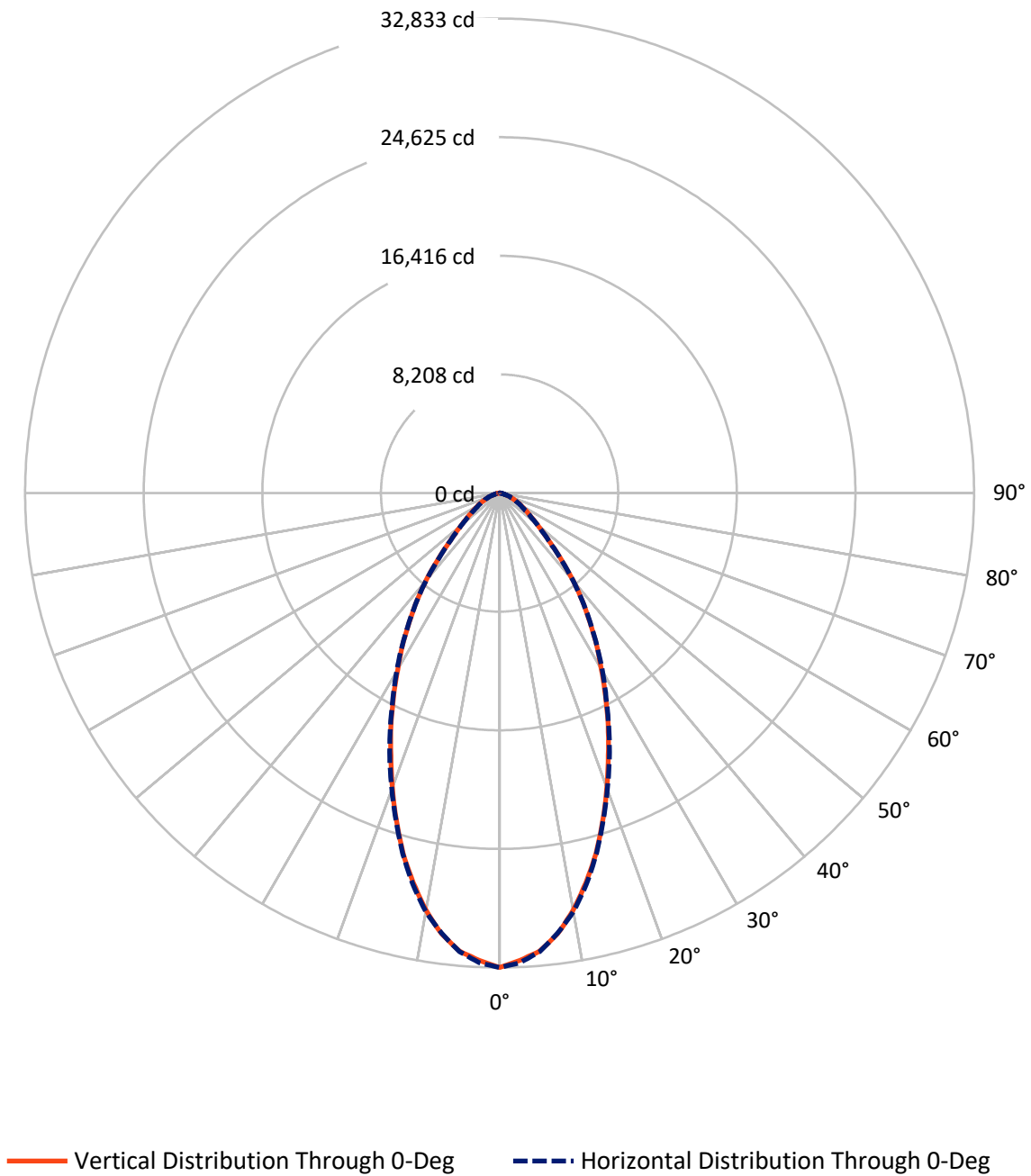
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Lumen Table

90																			
80	1.3	9.2		21.0		35.0		30.0		35.0		21.0		9.2		1.3			
70																			
60	4.3	5.1	9.6	15.4	22.3	28.9	34.0	36.3	36.3	34.0	28.9	22.3	15.4	9.6	5.1	4.3			
50		7.2	14.5	25.1	38.5	52.9	66.0	73.6	73.6	66.0	52.9	38.5	25.1	14.5	7.2				
40	6.4	9.2	20.0	37.4	63.1	97.0	133.7	158.2	158.2	133.7	97.0	63.1	37.4	20.0	9.2	6.4			
30		11.2	26.2	54.4	105.9	188.1	273.2	324.1	324.1	273.2	188.1	105.9	54.4	26.2	11.2				
20	7.6	13.1	32.7	76.2	171.2	307.8	440.4	526.4	526.4	440.4	307.8	171.2	76.2	32.7	13.1	7.6			
10		14.5	38.3	98.8	233.7	415.6	613.6	754.8	754.8	613.6	415.6	233.7	98.8	38.3	14.5				
0	8.0	15.3	41.5	113.4	269.0	483.2	735.2	924.6	924.6	735.2	483.2	269.0	113.4	41.5	15.3	8.0			
-10		15.3	41.5	113.4	269.0	483.2	735.2	924.6	924.6	735.2	483.2	269.0	113.4	41.5	15.3				
-20	7.6	14.5	38.3	98.8	233.7	415.6	613.6	754.8	754.8	613.6	415.6	233.7	98.8	38.3	14.5	7.6			
-30		13.1	32.7	76.2	171.2	307.8	440.4	526.4	526.4	440.4	307.8	171.2	76.2	32.7	13.1				
-40	6.4	11.2	26.2	54.4	105.9	188.1	273.2	324.1	324.1	273.2	188.1	105.9	54.4	26.2	11.2	6.4			
-50		9.2	20.0	37.4	63.1	97.0	133.7	158.2	158.2	133.7	97.0	63.1	37.4	20.0	9.2				
-60	4.3	7.2	14.5	25.1	38.5	52.9	66.0	73.6	73.6	66.0	52.9	38.5	25.1	14.5	7.2	4.3			
-70		5.1	9.6	15.4	22.3	28.9	34.0	36.3	36.3	34.0	28.9	22.3	15.4	9.6	5.1				
-80																			
-90	1.3	9.2		21.0		35.0		30.0		35.0		21.0		9.2		1.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

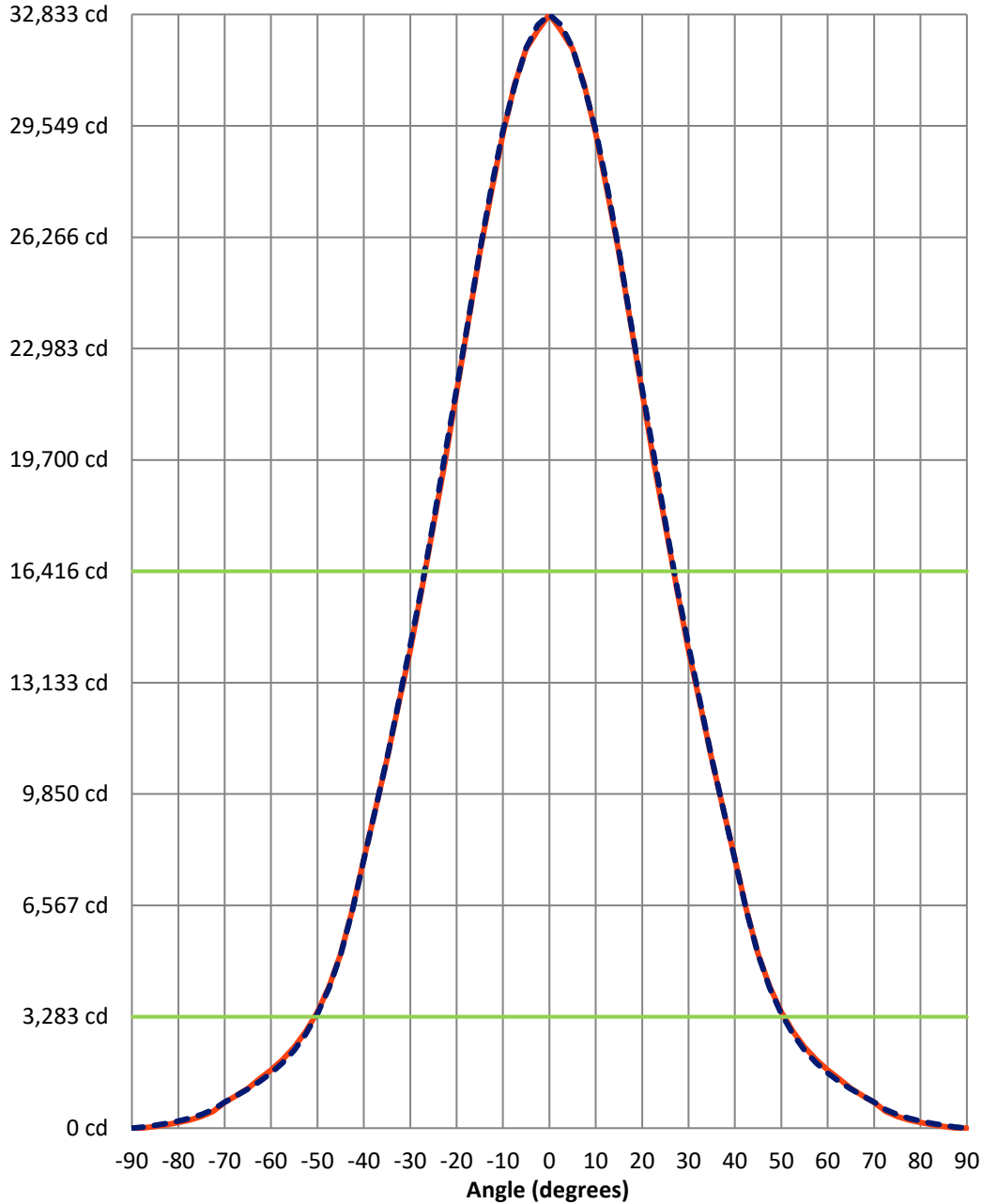
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 53.8°
V Angle: 53.6°
Lumens: 15977.5
Efficiency: 47.8%

Field:
H Angle: 100.8°
V Angle: 101.2°
Lumens: 29490.8
Efficiency: 88.3%

Spill:
Lumens: 3925.2
Efficiency: 11.7%

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.7	3.8	6.3	9.1	12.2	15.6	17.3	18.6	19.7	20.6
85°	0.0	3.3	7.7	12.5	18.1	24.3	31.1	34.5	37.3	39.5	41.2
82.5°	0.0	5.0	11.5	18.8	27.0	36.3	46.5	51.8	57.1	66.2	74.2
80°	0.0	6.6	15.2	24.9	35.9	48.2	63.2	78.6	91.9	103.9	114.5
77.5°	0.0	8.3	18.9	31.0	44.6	62.7	90.3	110.2	126.7	141.6	156.4
75°	0.0	9.9	22.6	37.0	54.1	82.0	116.6	141.6	161.5	181.7	203.4
72.5°	0.0	11.4	26.2	42.8	67.0	100.7	142.0	172.5	196.5	222.2	249.6
70°	0.0	13.0	29.7	48.9	79.5	118.7	166.1	201.7	230.8	262.0	298.7
67.5°	0.0	14.5	33.0	56.6	91.4	135.8	187.1	230.2	264.4	303.2	347.2
65°	0.0	16.0	36.3	63.8	102.7	151.6	207.0	258.1	297.6	342.8	393.0
62.5°	0.0	17.4	39.5	70.7	113.4	166.0	225.8	284.6	329.5	380.8	435.7
60°	0.0	18.8	42.5	77.2	123.4	179.5	243.5	309.7	359.8	417.6	477.1
57.5°	0.0	20.1	46.2	83.3	132.7	192.1	259.4	332.3	390.6	453.1	515.2
55°	0.0	21.4	49.8	88.9	141.3	203.8	274.0	350.2	420.6	487.2	551.7
52.5°	0.0	22.6	53.2	94.0	149.3	214.4	287.5	369.8	449.5	519.6	587.4
50°	0.0	23.7	56.4	98.6	156.5	224.1	299.7	388.2	477.3	551.3	626.5
47.5°	0.0	24.8	59.5	102.9	162.9	232.9	311.0	405.0	504.8	582.1	665.0
45°	0.0	25.9	62.5	107.1	168.6	240.7	323.8	420.0	524.5	615.4	702.1
42.5°	0.0	26.8	65.3	110.8	173.5	247.5	335.1	434.8	542.5	647.6	740.6
40°	0.0	27.7	67.9	114.8	177.9	253.2	345.1	449.1	560.4	677.4	777.8
37.5°	0.0	28.6	70.3	119.0	181.8	257.9	353.6	462.1	580.0	701.0	813.2
35°	0.0	29.3	72.6	122.8	185.0	263.2	360.6	473.7	598.7	726.9	849.3
32.5°	0.0	30.0	74.6	126.2	187.5	268.2	367.1	483.8	616.5	753.2	886.2
30°	0.0	30.7	76.5	129.3	189.2	272.1	374.4	493.6	633.4	779.8	921.0
27.5°	0.0	31.2	78.2	132.1	193.2	274.8	380.3	505.9	651.0	806.4	953.6
25°	0.0	31.7	79.7	134.5	197.1	276.5	384.9	516.8	670.7	832.6	984.1
22.5°	0.0	32.1	80.9	136.5	200.5	278.7	388.1	526.4	689.5	856.5	1017.4
20°	0.0	32.4	82.0	138.2	203.5	283.7	390.0	534.6	707.1	878.1	1047.2
17.5°	0.0	32.7	82.9	139.6	205.9	287.9	394.3	541.1	723.4	897.1	1073.4
15°	0.0	32.8	83.6	140.6	207.9	291.1	399.6	547.4	738.0	913.5	1096.0
12.5°	0.0	33.0	84.1	141.2	209.4	293.5	403.4	552.9	750.4	927.1	1114.7
10°	0.0	33.0	84.4	141.5	210.3	295.0	405.8	556.0	760.0	938.5	1129.9
7.5°	0.0	33.0	84.5	141.4	210.7	295.6	406.7	556.7	766.8	947.3	1141.8
5°	0.0	32.9	84.3	141.0	210.6	295.4	406.3	555.1	770.5	953.3	1149.6
2.5°	0.0	32.7	84.0	140.3	210.0	294.3	404.5	551.2	771.0	956.3	1153.5
0°	0.0	32.5	83.5	139.2	208.8	292.4	401.4	545.3	768.1	956.0	1153.3
-2.5°	0.0	32.7	84.0	140.3	210.0	294.3	404.5	551.2	771.0	956.3	1153.5
-5°	0.0	32.9	84.3	141.0	210.6	295.4	406.3	555.1	770.5	953.3	1149.6
-7.5°	0.0	33.0	84.5	141.4	210.7	295.6	406.7	556.7	766.8	947.3	1141.8
-10°	0.0	33.0	84.4	141.5	210.3	295.0	405.8	556.0	760.0	938.5	1129.9
-12.5°	0.0	33.0	84.1	141.2	209.4	293.5	403.4	552.9	750.4	927.1	1114.7
-15°	0.0	32.8	83.6	140.6	207.9	291.1	399.6	547.4	738.0	913.5	1096.0
-17.5°	0.0	32.7	82.9	139.6	205.9	287.9	394.3	541.1	723.4	897.1	1073.4
-20°	0.0	32.4	82.0	138.2	203.5	283.7	390.0	534.6	707.1	878.1	1047.2

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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	32.1	80.9	136.5	200.5	278.7	388.1	526.4	689.5	856.5	1017.4
-25°	0.0	31.7	79.7	134.5	197.1	276.5	384.9	516.8	670.7	832.6	984.1
-27.5°	0.0	31.2	78.2	132.1	193.2	274.8	380.3	505.9	651.0	806.4	953.6
-30°	0.0	30.7	76.5	129.3	189.2	272.1	374.4	493.6	633.4	779.8	921.0
-32.5°	0.0	30.0	74.6	126.2	187.5	268.2	367.1	483.8	616.5	753.2	886.2
-35°	0.0	29.3	72.6	122.8	185.0	263.2	360.6	473.7	598.7	726.9	849.3
-37.5°	0.0	28.6	70.3	119.0	181.8	257.9	353.6	462.1	580.0	701.0	813.2
-40°	0.0	27.7	67.9	114.8	177.9	253.2	345.1	449.1	560.4	677.4	777.8
-42.5°	0.0	26.8	65.3	110.8	173.5	247.5	335.1	434.8	542.5	647.6	740.6
-45°	0.0	25.9	62.5	107.1	168.6	240.7	323.8	420.0	524.5	615.4	702.1
-47.5°	0.0	24.8	59.5	102.9	162.9	232.9	311.0	405.0	504.8	582.1	665.0
-50°	0.0	23.7	56.4	98.6	156.5	224.1	299.7	388.2	477.3	551.3	626.5
-52.5°	0.0	22.6	53.2	94.0	149.3	214.4	287.5	369.8	449.5	519.6	587.4
-55°	0.0	21.4	49.8	88.9	141.3	203.8	274.0	350.2	420.6	487.2	551.7
-57.5°	0.0	20.1	46.2	83.3	132.7	192.1	259.4	332.3	390.6	453.1	515.2
-60°	0.0	18.8	42.5	77.2	123.4	179.5	243.5	309.7	359.8	417.6	477.1
-62.5°	0.0	17.4	39.5	70.7	113.4	166.0	225.8	284.6	329.5	380.8	435.7
-65°	0.0	16.0	36.3	63.8	102.7	151.6	207.0	258.1	297.6	342.8	393.0
-67.5°	0.0	14.5	33.0	56.6	91.4	135.8	187.1	230.2	264.4	303.2	347.2
-70°	0.0	13.0	29.7	48.9	79.5	118.7	166.1	201.7	230.8	262.0	298.7
-72.5°	0.0	11.4	26.2	42.8	67.0	100.7	142.0	172.5	196.5	222.2	249.6
-75°	0.0	9.9	22.6	37.0	54.1	82.0	116.6	141.6	161.5	181.7	203.4
-77.5°	0.0	8.3	18.9	31.0	44.6	62.7	90.3	110.2	126.7	141.6	156.4
-80°	0.0	6.6	15.2	24.9	35.9	48.2	63.2	78.6	91.9	103.9	114.5
-82.5°	0.0	5.0	11.5	18.8	27.0	36.3	46.5	51.8	57.1	66.2	74.2
-85°	0.0	3.3	7.7	12.5	18.1	24.3	31.1	34.5	37.3	39.5	41.2
-87.5°	0.0	1.7	3.8	6.3	9.1	12.2	15.6	17.3	18.6	19.7	20.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.9	20.9	20.6	20.0	19.1	17.9	16.5	14.8	15.4	16.0	16.6
85°	41.8	41.8	45.3	48.5	50.0	50.2	49.2	47.1	53.2	60.2	67.6
82.5°	81.7	88.8	95.5	101.7	102.4	100.7	97.7	94.0	106.4	121.4	137.2
80°	125.2	135.6	147.7	158.9	161.6	160.4	157.0	151.2	167.6	190.8	215.8
77.5°	173.8	190.4	205.8	220.1	224.2	223.6	220.9	216.4	237.2	269.2	302.5
75°	225.0	245.1	265.0	282.5	290.0	290.6	289.7	294.7	322.0	359.6	392.7
72.5°	278.4	304.0	326.4	345.7	357.7	366.9	379.0	393.9	421.6	458.5	490.9
70°	334.8	363.2	386.9	408.2	426.7	446.7	472.4	497.9	527.0	563.8	597.5
67.5°	390.6	419.3	446.0	472.3	505.8	537.9	569.9	603.2	640.0	678.6	712.7
65°	442.2	474.7	507.3	545.4	589.0	625.4	664.9	708.2	756.3	799.8	839.4
62.5°	491.7	528.4	568.7	614.8	662.0	707.7	760.5	816.2	872.5	927.0	981.0
60°	533.5	579.2	628.2	680.3	734.8	796.8	858.8	925.0	992.2	1057.8	1124.8
57.5°	573.8	630.3	686.7	747.3	815.3	886.2	960.6	1035.2	1115.5	1195.0	1270.9
55°	615.5	682.1	746.3	818.1	896.0	979.3	1063.4	1153.7	1242.5	1342.5	1434.8
52.5°	660.2	732.6	808.0	890.2	981.2	1075.1	1173.7	1277.3	1387.8	1499.0	1611.7
50°	703.7	785.3	869.3	967.6	1069.3	1176.6	1290.5	1411.2	1539.9	1668.5	1805.0
47.5°	749.1	836.2	938.9	1045.7	1162.2	1284.4	1413.3	1556.8	1699.8	1861.8	2018.3
45°	794.0	894.2	1005.6	1129.7	1257.5	1395.1	1548.4	1706.1	1888.6	2071.6	2277.3
42.5°	837.1	952.6	1078.3	1211.0	1356.5	1514.6	1684.3	1882.5	2088.3	2314.9	2556.3
40°	886.6	1008.5	1150.0	1298.3	1456.0	1636.8	1840.9	2061.0	2312.1	2580.5	2854.7
37.5°	934.6	1071.5	1220.8	1381.6	1564.6	1768.2	1993.6	2263.4	2553.1	2858.2	3231.4
35°	979.6	1131.5	1293.7	1469.8	1668.1	1904.0	2173.6	2471.7	2805.5	3199.1	3634.4
32.5°	1027.4	1188.2	1362.4	1560.1	1784.5	2042.2	2348.4	2699.3	3094.3	3542.6	4087.3
30°	1075.6	1246.7	1430.8	1644.6	1894.3	2192.5	2540.5	2928.2	3382.7	3944.9	4584.3
27.5°	1120.1	1301.3	1502.9	1734.2	2001.1	2331.1	2724.9	3179.6	3714.9	4350.3	5097.2
25°	1161.1	1351.0	1569.3	1819.6	2118.8	2480.8	2907.8	3411.2	4047.4	4804.9	5723.8
22.5°	1200.1	1396.4	1629.2	1896.3	2224.9	2625.7	3106.3	3682.3	4385.5	5235.7	6337.8
20°	1236.7	1445.4	1688.8	1969.7	2319.6	2756.5	3288.7	3935.4	4735.6	5742.1	6939.7
17.5°	1268.9	1488.5	1745.1	2049.1	2425.3	2889.4	3460.8	4158.8	5047.2	6194.3	7495.2
15°	1296.5	1525.8	1793.9	2117.8	2520.5	3021.5	3641.4	4403.8	5372.2	6605.5	7982.9
12.5°	1319.6	1557.0	1834.8	2175.6	2600.4	3133.2	3795.6	4622.1	5688.9	6992.9	8411.1
10°	1337.9	1582.0	1867.8	2222.3	2664.9	3223.9	3922.7	4800.7	5952.3	7324.9	8773.3
7.5°	1353.2	1601.5	1893.1	2257.7	2713.7	3293.2	4021.6	4938.6	6158.3	7587.8	9051.3
5°	1364.1	1615.5	1912.3	2282.5	2749.4	3341.5	4090.8	5035.0	6304.7	7778.3	9241.3
2.5°	1370.2	1623.1	1923.3	2295.7	2771.4	3368.8	4127.1	5095.5	6385.3	7887.1	9356.2
0°	1371.4	1624.3	1926.0	2297.3	2777.6	3374.0	4132.8	5114.4	6402.3	7915.2	9398.0
-2.5°	1370.2	1623.1	1923.3	2295.7	2771.4	3368.8	4127.1	5095.5	6385.3	7887.1	9356.2
-5°	1364.1	1615.5	1912.3	2282.5	2749.4	3341.5	4090.8	5035.0	6304.7	7778.3	9241.3
-7.5°	1353.2	1601.5	1893.1	2257.7	2713.7	3293.2	4021.6	4938.6	6158.3	7587.8	9051.3
-10°	1337.9	1582.0	1867.8	2222.3	2664.9	3223.9	3922.7	4800.7	5952.3	7324.9	8773.3
-12.5°	1319.6	1557.0	1834.8	2175.6	2600.4	3133.2	3795.6	4622.1	5688.9	6992.9	8411.1
-15°	1296.5	1525.8	1793.9	2117.8	2520.5	3021.5	3641.4	4403.8	5372.2	6605.5	7982.9
-17.5°	1268.9	1488.5	1745.1	2049.1	2425.3	2889.4	3460.8	4158.8	5047.2	6194.3	7495.2
-20°	1236.7	1445.4	1688.8	1969.7	2319.6	2756.5	3288.7	3935.4	4735.6	5742.1	6939.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1200.1	1396.4	1629.2	1896.3	2224.9	2625.7	3106.3	3682.3	4385.5	5235.7	6337.8
-25°	1161.1	1351.0	1569.3	1819.6	2118.8	2480.8	2907.8	3411.2	4047.4	4804.9	5723.8
-27.5°	1120.1	1301.3	1502.9	1734.2	2001.1	2331.1	2724.9	3179.6	3714.9	4350.3	5097.2
-30°	1075.6	1246.7	1430.8	1644.6	1894.3	2192.5	2540.5	2928.2	3382.7	3944.9	4584.3
-32.5°	1027.4	1188.2	1362.4	1560.1	1784.5	2042.2	2348.4	2699.3	3094.3	3542.6	4087.3
-35°	979.6	1131.5	1293.7	1469.8	1668.1	1904.0	2173.6	2471.7	2805.5	3199.1	3634.4
-37.5°	934.6	1071.5	1220.8	1381.6	1564.6	1768.2	1993.6	2263.4	2553.1	2858.2	3231.4
-40°	886.6	1008.5	1150.0	1298.3	1456.0	1636.8	1840.9	2061.0	2312.1	2580.5	2854.7
-42.5°	837.1	952.6	1078.3	1211.0	1356.5	1514.6	1684.3	1882.5	2088.3	2314.9	2556.3
-45°	794.0	894.2	1005.6	1129.7	1257.5	1395.1	1548.4	1706.1	1888.6	2071.6	2277.3
-47.5°	749.1	836.2	938.9	1045.7	1162.2	1284.4	1413.3	1556.8	1699.8	1861.8	2018.3
-50°	703.7	785.3	869.3	967.6	1069.3	1176.6	1290.5	1411.2	1539.9	1668.5	1805.0
-52.5°	660.2	732.6	808.0	890.2	981.2	1075.1	1173.7	1277.3	1387.8	1499.0	1611.7
-55°	615.5	682.1	746.3	818.1	896.0	979.3	1063.4	1153.7	1242.5	1342.5	1434.8
-57.5°	573.8	630.3	686.7	747.3	815.3	886.2	960.6	1035.2	1115.5	1195.0	1270.9
-60°	533.5	579.2	628.2	680.3	734.8	796.8	858.8	925.0	992.2	1057.8	1124.8
-62.5°	491.7	528.4	568.7	614.8	662.0	707.7	760.5	816.2	872.5	927.0	981.0
-65°	442.2	474.7	507.3	545.4	589.0	625.4	664.9	708.2	756.3	799.8	839.4
-67.5°	390.6	419.3	446.0	472.3	505.8	537.9	569.9	603.2	640.0	678.6	712.7
-70°	334.8	363.2	386.9	408.2	426.7	446.7	472.4	497.9	527.0	563.8	597.5
-72.5°	278.4	304.0	326.4	345.7	357.7	366.9	379.0	393.9	421.6	458.5	490.9
-75°	225.0	245.1	265.0	282.5	290.0	290.6	289.7	294.7	322.0	359.6	392.7
-77.5°	173.8	190.4	205.8	220.1	224.2	223.6	220.9	216.4	237.2	269.2	302.5
-80°	125.2	135.6	147.7	158.9	161.6	160.4	157.0	151.2	167.6	190.8	215.8
-82.5°	81.7	88.8	95.5	101.7	102.4	100.7	97.7	94.0	106.4	121.4	137.2
-85°	41.8	41.8	45.3	48.5	50.0	50.2	49.2	47.1	53.2	60.2	67.6
-87.5°	20.9	20.9	20.6	20.0	19.1	17.9	16.5	14.8	15.4	16.0	16.6
-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: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	17.1	16.6	16.1	15.4	14.7	14.4	14.1	13.8	13.4	12.5	11.4
85°	75.5	77.1	78.1	78.5	78.5	81.0	83.4	85.5	87.4	79.3	70.3
82.5°	153.5	160.7	167.0	173.3	179.4	183.7	187.0	189.3	190.8	172.7	152.4
80°	241.6	256.7	269.2	281.2	292.6	295.5	295.5	293.8	290.7	266.0	237.9
77.5°	335.9	355.7	371.4	387.0	402.4	408.0	410.8	412.9	414.3	383.7	346.0
75°	421.6	445.2	467.2	487.6	506.4	516.5	522.3	527.2	530.9	500.1	459.7
72.5°	519.2	544.2	568.0	590.6	610.6	623.8	632.4	639.6	645.1	627.6	602.4
70°	626.5	652.4	677.5	701.1	723.7	741.5	755.5	767.5	777.5	779.5	778.6
67.5°	745.7	776.2	806.2	831.8	858.7	883.8	905.9	924.2	938.9	948.6	954.0
65°	879.5	925.4	966.3	1000.9	1029.9	1063.4	1093.0	1115.6	1131.6	1143.7	1154.0
62.5°	1037.1	1092.8	1139.6	1185.7	1233.4	1279.7	1308.6	1337.7	1366.1	1392.9	1415.8
60°	1188.9	1249.9	1313.2	1372.2	1426.7	1476.9	1528.9	1575.0	1615.3	1649.0	1674.1
57.5°	1350.6	1424.9	1496.8	1571.7	1642.2	1707.9	1772.1	1831.3	1882.6	1925.6	1960.9
55°	1526.1	1616.9	1702.4	1797.5	1889.7	1973.7	2051.1	2130.4	2201.8	2264.7	2314.6
52.5°	1715.3	1833.4	1946.7	2058.3	2177.7	2285.5	2382.0	2491.9	2589.4	2670.0	2732.7
50°	1941.2	2080.0	2229.5	2367.9	2518.5	2666.9	2803.6	2936.1	3065.7	3177.8	3268.5
47.5°	2198.5	2369.3	2554.5	2738.0	2924.9	3127.7	3308.7	3476.9	3658.0	3815.3	3941.5
45°	2484.4	2702.3	2926.0	3183.7	3421.2	3681.7	3922.9	4139.5	4396.4	4622.7	4805.0
42.5°	2801.7	3091.8	3386.0	3710.7	4025.7	4356.5	4707.9	5019.5	5360.3	5685.2	5947.7
40°	3194.9	3541.7	3935.7	4328.8	4780.9	5205.7	5717.5	6182.7	6605.1	6992.5	7310.0
37.5°	3631.8	4078.4	4573.3	5085.2	5704.0	6310.5	6909.6	7475.2	7974.6	8398.6	8754.2
35°	4127.9	4695.3	5294.8	6042.1	6767.0	7493.4	8170.1	8788.3	9331.5	9809.8	10216.6
32.5°	4698.5	5379.4	6218.6	7058.2	7885.1	8684.9	9427.9	10102.1	10697.8	11234.8	11702.6
30°	5298.3	6227.5	7169.4	8090.4	8993.6	9869.6	10685.0	11427.7	12100.7	12698.6	13237.6
27.5°	6060.6	7090.3	8117.4	9110.3	10103.9	11062.7	11946.3	12771.4	13543.7	14219.5	14835.5
25°	6798.0	7935.5	9027.3	10109.9	11191.5	12220.8	13208.9	14140.8	15025.3	15800.9	16488.7
22.5°	7535.2	8725.8	9892.5	11056.5	12218.4	13366.0	14475.4	15543.1	16532.2	17415.5	18189.6
20°	8218.0	9462.6	10710.3	11965.1	13224.6	14480.7	15726.7	16928.2	18030.2	19049.9	19946.0
17.5°	8830.1	10153.8	11476.6	12818.9	14184.1	15547.9	16932.1	18279.0	19538.8	20699.0	21738.5
15°	9372.2	10753.5	12174.1	13622.6	15088.6	16569.7	18080.0	19587.0	21005.2	22322.9	23483.4
12.5°	9846.2	11282.2	12771.2	14310.2	15901.3	17514.8	19163.2	20815.0	22385.1	23906.4	25159.4
10°	10237.3	11731.9	13288.2	14905.2	16583.2	18319.8	20088.2	21866.4	23596.1	25209.9	26642.8
7.5°	10539.3	12089.9	13693.6	15375.4	17135.9	18967.1	20840.5	22727.4	24573.3	26312.3	27897.7
5°	10752.4	12350.5	13974.4	15723.8	17545.4	19443.1	21390.1	23356.5	25286.2	27114.6	28757.8
2.5°	10876.1	12507.0	14137.8	15935.5	17789.0	19731.1	21731.0	23729.7	25710.3	27606.7	29295.3
0°	10908.7	12553.9	14231.6	15958.1	17865.5	19865.8	21794.1	23799.0	25857.3	27727.6	29410.0
-2.5°	10876.1	12507.0	14137.8	15935.5	17789.0	19731.1	21731.0	23729.7	25710.3	27606.7	29295.3
-5°	10752.4	12350.5	13974.4	15723.8	17545.4	19443.1	21390.1	23356.5	25286.2	27114.6	28757.8
-7.5°	10539.3	12089.9	13693.6	15375.4	17135.9	18967.1	20840.5	22727.4	24573.3	26312.3	27897.7
-10°	10237.3	11731.9	13288.2	14905.2	16583.2	18319.8	20088.2	21866.4	23596.1	25209.9	26642.8
-12.5°	9846.2	11282.2	12771.2	14310.2	15901.3	17514.8	19163.2	20815.0	22385.1	23906.4	25159.4
-15°	9372.2	10753.5	12174.1	13622.6	15088.6	16569.7	18080.0	19587.0	21005.2	22322.9	23483.4
-17.5°	8830.1	10153.8	11476.6	12818.9	14184.1	15547.9	16932.1	18279.0	19538.8	20699.0	21738.5
-20°	8218.0	9462.6	10710.3	11965.1	13224.6	14480.7	15726.7	16928.2	18030.2	19049.9	19946.0

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Scaled Data Report



REPORT NUMBER: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	7535.2	8725.8	9892.5	11056.5	12218.4	13366.0	14475.4	15543.1	16532.2	17415.5	18189.6
-25°	6798.0	7935.5	9027.3	10109.9	11191.5	12220.8	13208.9	14140.8	15025.3	15800.9	16488.7
-27.5°	6060.6	7090.3	8117.4	9110.3	10103.9	11062.7	11946.3	12771.4	13543.7	14219.5	14835.5
-30°	5298.3	6227.5	7169.4	8090.4	8993.6	9869.6	10685.0	11427.7	12100.7	12698.6	13237.6
-32.5°	4698.5	5379.4	6218.6	7058.2	7885.1	8684.9	9427.9	10102.1	10697.8	11234.8	11702.6
-35°	4127.9	4695.3	5294.8	6042.1	6767.0	7493.4	8170.1	8788.3	9331.5	9809.8	10216.6
-37.5°	3631.8	4078.4	4573.3	5085.2	5704.0	6310.5	6909.6	7475.2	7974.6	8398.6	8754.2
-40°	3194.9	3541.7	3935.7	4328.8	4780.9	5205.7	5717.5	6182.7	6605.1	6992.5	7310.0
-42.5°	2801.7	3091.8	3386.0	3710.7	4025.7	4356.5	4707.9	5019.5	5360.3	5685.2	5947.7
-45°	2484.4	2702.3	2926.0	3183.7	3421.2	3681.7	3922.9	4139.5	4396.4	4622.7	4805.0
-47.5°	2198.5	2369.3	2554.5	2738.0	2924.9	3127.7	3308.7	3476.9	3658.0	3815.3	3941.5
-50°	1941.2	2080.0	2229.5	2367.9	2518.5	2666.9	2803.6	2936.1	3065.7	3177.8	3268.5
-52.5°	1715.3	1833.4	1946.7	2058.3	2177.7	2285.5	2382.0	2491.9	2589.4	2670.0	2732.7
-55°	1526.1	1616.9	1702.4	1797.5	1889.7	1973.7	2051.1	2130.4	2201.8	2264.7	2314.6
-57.5°	1350.6	1424.9	1496.8	1571.7	1642.2	1707.9	1772.1	1831.3	1882.6	1925.6	1960.9
-60°	1188.9	1249.9	1313.2	1372.2	1426.7	1476.9	1528.9	1575.0	1615.3	1649.0	1674.1
-62.5°	1037.1	1092.8	1139.6	1185.7	1233.4	1279.7	1308.6	1337.7	1366.1	1392.9	1415.8
-65°	879.5	925.4	966.3	1000.9	1029.9	1063.4	1093.0	1115.6	1131.6	1143.7	1154.0
-67.5°	745.7	776.2	806.2	831.8	858.7	883.8	905.9	924.2	938.9	948.6	954.0
-70°	626.5	652.4	677.5	701.1	723.7	741.5	755.5	767.5	777.5	779.5	778.6
-72.5°	519.2	544.2	568.0	590.6	610.6	623.8	632.4	639.6	645.1	627.6	602.4
-75°	421.6	445.2	467.2	487.6	506.4	516.5	522.3	527.2	530.9	500.1	459.7
-77.5°	335.9	355.7	371.4	387.0	402.4	408.0	410.8	412.9	414.3	383.7	346.0
-80°	241.6	256.7	269.2	281.2	292.6	295.5	295.5	293.8	290.7	266.0	237.9
-82.5°	153.5	160.7	167.0	173.3	179.4	183.7	187.0	189.3	190.8	172.7	152.4
-85°	75.5	77.1	78.1	78.5	78.5	81.0	83.4	85.5	87.4	79.3	70.3
-87.5°	17.1	16.6	16.1	15.4	14.7	14.4	14.1	13.8	13.4	12.5	11.4
-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: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	10.4	9.3	8.1	7.0	8.1	9.3	10.4	11.4	12.5	13.4	13.8
85°	60.8	50.9	49.8	48.7	49.8	50.9	60.8	70.3	79.3	87.4	85.5
82.5°	131.1	108.8	105.5	102.1	105.5	108.8	131.1	152.4	172.7	190.8	189.3
80°	208.8	178.6	172.7	167.1	172.7	178.6	208.8	237.9	266.0	290.7	293.8
77.5°	306.3	264.9	252.8	241.3	252.8	264.9	306.3	346.0	383.7	414.3	412.9
75°	417.7	374.2	359.6	345.8	359.6	374.2	417.7	459.7	500.1	530.9	527.2
72.5°	576.8	550.3	523.6	494.3	523.6	550.3	576.8	602.4	627.6	645.1	639.6
70°	777.8	775.9	769.2	758.8	769.2	775.9	777.8	778.6	779.5	777.5	767.5
67.5°	956.4	955.6	957.9	958.4	957.9	955.6	956.4	954.0	948.6	938.9	924.2
65°	1160.4	1162.6	1167.4	1169.5	1167.4	1162.6	1160.4	1154.0	1143.7	1131.6	1115.6
62.5°	1433.3	1445.2	1451.0	1450.3	1451.0	1445.2	1433.3	1415.8	1392.9	1366.1	1337.7
60°	1692.9	1705.2	1712.9	1714.8	1712.9	1705.2	1692.9	1674.1	1649.0	1615.3	1575.0
57.5°	1988.8	2008.9	2019.7	2021.2	2019.7	2008.9	1988.8	1960.9	1925.6	1882.6	1831.3
55°	2352.8	2379.5	2391.5	2390.1	2391.5	2379.5	2352.8	2314.6	2264.7	2201.8	2130.4
52.5°	2780.2	2812.7	2837.1	2851.9	2837.1	2812.7	2780.2	2732.7	2670.0	2589.4	2491.9
50°	3336.6	3383.2	3412.9	3425.1	3412.9	3383.2	3336.6	3268.5	3177.8	3065.7	2936.1
47.5°	4032.7	4094.5	4140.3	4172.3	4140.3	4094.5	4032.7	3941.5	3815.3	3658.0	3476.9
45°	4939.5	5033.9	5097.9	5135.3	5097.9	5033.9	4939.5	4805.0	4622.7	4396.4	4139.5
42.5°	6152.8	6299.1	6388.7	6423.1	6388.7	6299.1	6152.8	5947.7	5685.2	5360.3	5019.5
40°	7560.6	7736.5	7851.8	7931.5	7851.8	7736.5	7560.6	7310.0	6992.5	6605.1	6182.7
37.5°	9027.2	9211.8	9324.1	9400.3	9324.1	9211.8	9027.2	8754.2	8398.6	7974.6	7475.2
35°	10523.3	10716.5	10821.9	10880.8	10821.9	10716.5	10523.3	10216.6	9809.8	9331.5	8788.3
32.5°	12059.2	12272.1	12386.7	12505.2	12386.7	12272.1	12059.2	11702.6	11234.8	10697.8	10102.1
30°	13663.4	13907.8	14027.7	14085.4	14027.7	13907.8	13663.4	13237.6	12698.6	12100.7	11427.7
27.5°	15332.6	15637.3	15787.4	15886.1	15787.4	15637.3	15332.6	14835.5	14219.5	13543.7	12771.4
25°	17069.5	17447.0	17618.9	17772.7	17618.9	17447.0	17069.5	16488.7	15800.9	15025.3	14140.8
22.5°	18871.6	19341.7	19540.7	19650.0	19540.7	19341.7	18871.6	18189.6	17415.5	16532.2	15543.1
20°	20720.7	21282.4	21558.9	21701.3	21558.9	21282.4	20720.7	19946.0	19049.9	18030.2	16928.2
17.5°	22611.6	23310.3	23668.1	23750.3	23668.1	23310.3	22611.6	21738.5	20699.0	19538.8	18279.0
15°	24467.8	25223.6	25646.6	25801.6	25646.6	25223.6	24467.8	23483.4	22322.9	21005.2	19587.0
12.5°	26225.8	27009.1	27514.6	27604.6	27514.6	27009.1	26225.8	25159.4	23906.4	22385.1	20815.0
10°	27820.2	28631.6	29189.9	29317.2	29189.9	28631.6	27820.2	26642.8	25209.9	23596.1	21866.4
7.5°	29153.0	30043.4	30660.2	30767.5	30660.2	30043.4	29153.0	27897.7	26312.3	24573.3	22727.4
5°	30128.3	31185.3	31691.6	31818.7	31691.6	31185.3	30128.3	28757.8	27114.6	25286.2	23356.5
2.5°	30663.2	31739.3	32442.9	32361.7	32442.9	31739.3	30663.2	29295.3	27606.7	25710.3	23729.7
0°	30723.4	31848.8	32521.8	32832.7	32521.8	31848.8	30723.4	29410.0	27727.6	25857.3	23799.0
-2.5°	30663.2	31739.3	32442.9	32361.7	32442.9	31739.3	30663.2	29295.3	27606.7	25710.3	23729.7
-5°	30128.3	31185.3	31691.6	31818.7	31691.6	31185.3	30128.3	28757.8	27114.6	25286.2	23356.5
-7.5°	29153.0	30043.4	30660.2	30767.5	30660.2	30043.4	29153.0	27897.7	26312.3	24573.3	22727.4
-10°	27820.2	28631.6	29189.9	29317.2	29189.9	28631.6	27820.2	26642.8	25209.9	23596.1	21866.4
-12.5°	26225.8	27009.1	27514.6	27604.6	27514.6	27009.1	26225.8	25159.4	23906.4	22385.1	20815.0
-15°	24467.8	25223.6	25646.6	25801.6	25646.6	25223.6	24467.8	23483.4	22322.9	21005.2	19587.0
-17.5°	22611.6	23310.3	23668.1	23750.3	23668.1	23310.3	22611.6	21738.5	20699.0	19538.8	18279.0
-20°	20720.7	21282.4	21558.9	21701.3	21558.9	21282.4	20720.7	19946.0	19049.9	18030.2	16928.2



REPORT NUMBER: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	18871.6	19341.7	19540.7	19650.0	19540.7	19341.7	18871.6	18189.6	17415.5	16532.2	15543.1
-25°	17069.5	17447.0	17618.9	17772.7	17618.9	17447.0	17069.5	16488.7	15800.9	15025.3	14140.8
-27.5°	15332.6	15637.3	15787.4	15886.1	15787.4	15637.3	15332.6	14835.5	14219.5	13543.7	12771.4
-30°	13663.4	13907.8	14027.7	14085.4	14027.7	13907.8	13663.4	13237.6	12698.6	12100.7	11427.7
-32.5°	12059.2	12272.1	12386.7	12505.2	12386.7	12272.1	12059.2	11702.6	11234.8	10697.8	10102.1
-35°	10523.3	10716.5	10821.9	10880.8	10821.9	10716.5	10523.3	10216.6	9809.8	9331.5	8788.3
-37.5°	9027.2	9211.8	9324.1	9400.3	9324.1	9211.8	9027.2	8754.2	8398.6	7974.6	7475.2
-40°	7560.6	7736.5	7851.8	7931.5	7851.8	7736.5	7560.6	7310.0	6992.5	6605.1	6182.7
-42.5°	6152.8	6299.1	6388.7	6423.1	6388.7	6299.1	6152.8	5947.7	5685.2	5360.3	5019.5
-45°	4939.5	5033.9	5097.9	5135.3	5097.9	5033.9	4939.5	4805.0	4622.7	4396.4	4139.5
-47.5°	4032.7	4094.5	4140.3	4172.3	4140.3	4094.5	4032.7	3941.5	3815.3	3658.0	3476.9
-50°	3336.6	3383.2	3412.9	3425.1	3412.9	3383.2	3336.6	3268.5	3177.8	3065.7	2936.1
-52.5°	2780.2	2812.7	2837.1	2851.9	2837.1	2812.7	2780.2	2732.7	2670.0	2589.4	2491.9
-55°	2352.8	2379.5	2391.5	2390.1	2391.5	2379.5	2352.8	2314.6	2264.7	2201.8	2130.4
-57.5°	1988.8	2008.9	2019.7	2021.2	2019.7	2008.9	1988.8	1960.9	1925.6	1882.6	1831.3
-60°	1692.9	1705.2	1712.9	1714.8	1712.9	1705.2	1692.9	1674.1	1649.0	1615.3	1575.0
-62.5°	1433.3	1445.2	1451.0	1450.3	1451.0	1445.2	1433.3	1415.8	1392.9	1366.1	1337.7
-65°	1160.4	1162.6	1167.4	1169.5	1167.4	1162.6	1160.4	1154.0	1143.7	1131.6	1115.6
-67.5°	956.4	955.6	957.9	958.4	957.9	955.6	956.4	954.0	948.6	938.9	924.2
-70°	777.8	775.9	769.2	758.8	769.2	775.9	777.8	778.6	779.5	777.5	767.5
-72.5°	576.8	550.3	523.6	494.3	523.6	550.3	576.8	602.4	627.6	645.1	639.6
-75°	417.7	374.2	359.6	345.8	359.6	374.2	417.7	459.7	500.1	530.9	527.2
-77.5°	306.3	264.9	252.8	241.3	252.8	264.9	306.3	346.0	383.7	414.3	412.9
-80°	208.8	178.6	172.7	167.1	172.7	178.6	208.8	237.9	266.0	290.7	293.8
-82.5°	131.1	108.8	105.5	102.1	105.5	108.8	131.1	152.4	172.7	190.8	189.3
-85°	60.8	50.9	49.8	48.7	49.8	50.9	60.8	70.3	79.3	87.4	85.5
-87.5°	10.4	9.3	8.1	7.0	8.1	9.3	10.4	11.4	12.5	13.4	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



REPORT NUMBER: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	14.1	14.4	14.7	15.4	16.1	16.6	17.1	16.6	16.0	15.4	14.8
85°	83.4	81.0	78.5	78.5	78.1	77.1	75.5	67.6	60.2	53.2	47.1
82.5°	187.0	183.7	179.4	173.3	167.0	160.7	153.5	137.2	121.4	106.4	94.0
80°	295.5	295.5	292.6	281.2	269.2	256.7	241.6	215.8	190.8	167.6	151.2
77.5°	410.8	408.0	402.4	387.0	371.4	355.7	335.9	302.5	269.2	237.2	216.4
75°	522.3	516.5	506.4	487.6	467.2	445.2	421.6	392.7	359.6	322.0	294.7
72.5°	632.4	623.8	610.6	590.6	568.0	544.2	519.2	490.9	458.5	421.6	393.9
70°	755.5	741.5	723.7	701.1	677.5	652.4	626.5	597.5	563.8	527.0	497.9
67.5°	905.9	883.8	858.7	831.8	806.2	776.2	745.7	712.7	678.6	640.0	603.2
65°	1093.0	1063.4	1029.9	1000.9	966.3	925.4	879.5	839.4	799.8	756.3	708.2
62.5°	1308.6	1279.7	1233.4	1185.7	1139.6	1092.8	1037.1	981.0	927.0	872.5	816.2
60°	1528.9	1476.9	1426.7	1372.2	1313.2	1249.9	1188.9	1124.8	1057.8	992.2	925.0
57.5°	1772.1	1707.9	1642.2	1571.7	1496.8	1424.9	1350.6	1270.9	1195.0	1115.5	1035.2
55°	2051.1	1973.7	1889.7	1797.5	1702.4	1616.9	1526.1	1434.8	1342.5	1242.5	1153.7
52.5°	2382.0	2285.5	2177.7	2058.3	1946.7	1833.4	1715.3	1611.7	1499.0	1387.8	1277.3
50°	2803.6	2666.9	2518.5	2367.9	2229.5	2080.0	1941.2	1805.0	1668.5	1539.9	1411.2
47.5°	3308.7	3127.7	2924.9	2738.0	2554.5	2369.3	2198.5	2018.3	1861.8	1699.8	1556.8
45°	3922.9	3681.7	3421.2	3183.7	2926.0	2702.3	2484.4	2277.3	2071.6	1888.6	1706.1
42.5°	4707.9	4356.5	4025.7	3710.7	3386.0	3091.8	2801.7	2556.3	2314.9	2088.3	1882.5
40°	5717.5	5205.7	4780.9	4328.8	3935.7	3541.7	3194.9	2854.7	2580.5	2312.1	2061.0
37.5°	6909.6	6310.5	5704.0	5085.2	4573.3	4078.4	3631.8	3231.4	2858.2	2553.1	2263.4
35°	8170.1	7493.4	6767.0	6042.1	5294.8	4695.3	4127.9	3634.4	3199.1	2805.5	2471.7
32.5°	9427.9	8684.9	7885.1	7058.2	6218.6	5379.4	4698.5	4087.3	3542.6	3094.3	2699.3
30°	10685.0	9869.6	8993.6	8090.4	7169.4	6227.5	5298.3	4584.3	3944.9	3382.7	2928.2
27.5°	11946.3	11062.7	10103.9	9110.3	8117.4	7090.3	6060.6	5097.2	4350.3	3714.9	3179.6
25°	13208.9	12220.8	11191.5	10109.9	9027.3	7935.5	6798.0	5723.8	4804.9	4047.4	3411.2
22.5°	14475.4	13366.0	12218.4	11056.5	9892.5	8725.8	7535.2	6337.8	5235.7	4385.5	3682.3
20°	15726.7	14480.7	13224.6	11965.1	10710.3	9462.6	8218.0	6939.7	5742.1	4735.6	3935.4
17.5°	16932.1	15547.9	14184.1	12818.9	11476.6	10153.8	8830.1	7495.2	6194.3	5047.2	4158.8
15°	18080.0	16569.7	15088.6	13622.6	12174.1	10753.5	9372.2	7982.9	6605.5	5372.2	4403.8
12.5°	19163.2	17514.8	15901.3	14310.2	12771.2	11282.2	9846.2	8411.1	6992.9	5688.9	4622.1
10°	20088.2	18319.8	16583.2	14905.2	13288.2	11731.9	10237.3	8773.3	7324.9	5952.3	4800.7
7.5°	20840.5	18967.1	17135.9	15375.4	13693.6	12089.9	10539.3	9051.3	7587.8	6158.3	4938.6
5°	21390.1	19443.1	17545.4	15723.8	13974.4	12350.5	10752.4	9241.3	7778.3	6304.7	5035.0
2.5°	21731.0	19731.1	17789.0	15935.5	14137.8	12507.0	10876.1	9356.2	7887.1	6385.3	5095.5
0°	21794.1	19865.8	17865.5	15958.1	14231.6	12553.9	10908.7	9398.0	7915.2	6402.3	5114.4
-2.5°	21731.0	19731.1	17789.0	15935.5	14137.8	12507.0	10876.1	9356.2	7887.1	6385.3	5095.5
-5°	21390.1	19443.1	17545.4	15723.8	13974.4	12350.5	10752.4	9241.3	7778.3	6304.7	5035.0
-7.5°	20840.5	18967.1	17135.9	15375.4	13693.6	12089.9	10539.3	9051.3	7587.8	6158.3	4938.6
-10°	20088.2	18319.8	16583.2	14905.2	13288.2	11731.9	10237.3	8773.3	7324.9	5952.3	4800.7
-12.5°	19163.2	17514.8	15901.3	14310.2	12771.2	11282.2	9846.2	8411.1	6992.9	5688.9	4622.1
-15°	18080.0	16569.7	15088.6	13622.6	12174.1	10753.5	9372.2	7982.9	6605.5	5372.2	4403.8
-17.5°	16932.1	15547.9	14184.1	12818.9	11476.6	10153.8	8830.1	7495.2	6194.3	5047.2	4158.8
-20°	15726.7	14480.7	13224.6	11965.1	10710.3	9462.6	8218.0	6939.7	5742.1	4735.6	3935.4



REPORT NUMBER: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	14475.4	13366.0	12218.4	11056.5	9892.5	8725.8	7535.2	6337.8	5235.7	4385.5	3682.3
-25°	13208.9	12220.8	11191.5	10109.9	9027.3	7935.5	6798.0	5723.8	4804.9	4047.4	3411.2
-27.5°	11946.3	11062.7	10103.9	9110.3	8117.4	7090.3	6060.6	5097.2	4350.3	3714.9	3179.6
-30°	10685.0	9869.6	8993.6	8090.4	7169.4	6227.5	5298.3	4584.3	3944.9	3382.7	2928.2
-32.5°	9427.9	8684.9	7885.1	7058.2	6218.6	5379.4	4698.5	4087.3	3542.6	3094.3	2699.3
-35°	8170.1	7493.4	6767.0	6042.1	5294.8	4695.3	4127.9	3634.4	3199.1	2805.5	2471.7
-37.5°	6909.6	6310.5	5704.0	5085.2	4573.3	4078.4	3631.8	3231.4	2858.2	2553.1	2263.4
-40°	5717.5	5205.7	4780.9	4328.8	3935.7	3541.7	3194.9	2854.7	2580.5	2312.1	2061.0
-42.5°	4707.9	4356.5	4025.7	3710.7	3386.0	3091.8	2801.7	2556.3	2314.9	2088.3	1882.5
-45°	3922.9	3681.7	3421.2	3183.7	2926.0	2702.3	2484.4	2277.3	2071.6	1888.6	1706.1
-47.5°	3308.7	3127.7	2924.9	2738.0	2554.5	2369.3	2198.5	2018.3	1861.8	1699.8	1556.8
-50°	2803.6	2666.9	2518.5	2367.9	2229.5	2080.0	1941.2	1805.0	1668.5	1539.9	1411.2
-52.5°	2382.0	2285.5	2177.7	2058.3	1946.7	1833.4	1715.3	1611.7	1499.0	1387.8	1277.3
-55°	2051.1	1973.7	1889.7	1797.5	1702.4	1616.9	1526.1	1434.8	1342.5	1242.5	1153.7
-57.5°	1772.1	1707.9	1642.2	1571.7	1496.8	1424.9	1350.6	1270.9	1195.0	1115.5	1035.2
-60°	1528.9	1476.9	1426.7	1372.2	1313.2	1249.9	1188.9	1124.8	1057.8	992.2	925.0
-62.5°	1308.6	1279.7	1233.4	1185.7	1139.6	1092.8	1037.1	981.0	927.0	872.5	816.2
-65°	1093.0	1063.4	1029.9	1000.9	966.3	925.4	879.5	839.4	799.8	756.3	708.2
-67.5°	905.9	883.8	858.7	831.8	806.2	776.2	745.7	712.7	678.6	640.0	603.2
-70°	755.5	741.5	723.7	701.1	677.5	652.4	626.5	597.5	563.8	527.0	497.9
-72.5°	632.4	623.8	610.6	590.6	568.0	544.2	519.2	490.9	458.5	421.6	393.9
-75°	522.3	516.5	506.4	487.6	467.2	445.2	421.6	392.7	359.6	322.0	294.7
-77.5°	410.8	408.0	402.4	387.0	371.4	355.7	335.9	302.5	269.2	237.2	216.4
-80°	295.5	295.5	292.6	281.2	269.2	256.7	241.6	215.8	190.8	167.6	151.2
-82.5°	187.0	183.7	179.4	173.3	167.0	160.7	153.5	137.2	121.4	106.4	94.0
-85°	83.4	81.0	78.5	78.5	78.1	77.1	75.5	67.6	60.2	53.2	47.1
-87.5°	14.1	14.4	14.7	15.4	16.1	16.6	17.1	16.6	16.0	15.4	14.8
-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: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	16.5	17.9	19.1	20.0	20.6	20.9	20.9	20.6	19.7	18.6	17.3
85°	49.2	50.2	50.0	48.5	45.3	41.8	41.8	41.2	39.5	37.3	34.5
82.5°	97.7	100.7	102.4	101.7	95.5	88.8	81.7	74.2	66.2	57.1	51.8
80°	157.0	160.4	161.6	158.9	147.7	135.6	125.2	114.5	103.9	91.9	78.6
77.5°	220.9	223.6	224.2	220.1	205.8	190.4	173.8	156.4	141.6	126.7	110.2
75°	289.7	290.6	290.0	282.5	265.0	245.1	225.0	203.4	181.7	161.5	141.6
72.5°	379.0	366.9	357.7	345.7	326.4	304.0	278.4	249.6	222.2	196.5	172.5
70°	472.4	446.7	426.7	408.2	386.9	363.2	334.8	298.7	262.0	230.8	201.7
67.5°	569.9	537.9	505.8	472.3	446.0	419.3	390.6	347.2	303.2	264.4	230.2
65°	664.9	625.4	589.0	545.4	507.3	474.7	442.2	393.0	342.8	297.6	258.1
62.5°	760.5	707.7	662.0	614.8	568.7	528.4	491.7	435.7	380.8	329.5	284.6
60°	858.8	796.8	734.8	680.3	628.2	579.2	533.5	477.1	417.6	359.8	309.7
57.5°	960.6	886.2	815.3	747.3	686.7	630.3	573.8	515.2	453.1	390.6	332.3
55°	1063.4	979.3	896.0	818.1	746.3	682.1	615.5	551.7	487.2	420.6	350.2
52.5°	1173.7	1075.1	981.2	890.2	808.0	732.6	660.2	587.4	519.6	449.5	369.8
50°	1290.5	1176.6	1069.3	967.6	869.3	785.3	703.7	626.5	551.3	477.3	388.2
47.5°	1413.3	1284.4	1162.2	1045.7	938.9	836.2	749.1	665.0	582.1	504.8	405.0
45°	1548.4	1395.1	1257.5	1129.7	1005.6	894.2	794.0	702.1	615.4	524.5	420.0
42.5°	1684.3	1514.6	1356.5	1211.0	1078.3	952.6	837.1	740.6	647.6	542.5	434.8
40°	1840.9	1636.8	1456.0	1298.3	1150.0	1008.5	886.6	777.8	677.4	560.4	449.1
37.5°	1993.6	1768.2	1564.6	1381.6	1220.8	1071.5	934.6	813.2	701.0	580.0	462.1
35°	2173.6	1904.0	1668.1	1469.8	1293.7	1131.5	979.6	849.3	726.9	598.7	473.7
32.5°	2348.4	2042.2	1784.5	1560.1	1362.4	1188.2	1027.4	886.2	753.2	616.5	483.8
30°	2540.5	2192.5	1894.3	1644.6	1430.8	1246.7	1075.6	921.0	779.8	633.4	493.6
27.5°	2724.9	2331.1	2001.1	1734.2	1502.9	1301.3	1120.1	953.6	806.4	651.0	505.9
25°	2907.8	2480.8	2118.8	1819.6	1569.3	1351.0	1161.1	984.1	832.6	670.7	516.8
22.5°	3106.3	2625.7	2224.9	1896.3	1629.2	1396.4	1200.1	1017.4	856.5	689.5	526.4
20°	3288.7	2756.5	2319.6	1969.7	1688.8	1445.4	1236.7	1047.2	878.1	707.1	534.6
17.5°	3460.8	2889.4	2425.3	2049.1	1745.1	1488.5	1268.9	1073.4	897.1	723.4	541.1
15°	3641.4	3021.5	2520.5	2117.8	1793.9	1525.8	1296.5	1096.0	913.5	738.0	547.4
12.5°	3795.6	3133.2	2600.4	2175.6	1834.8	1557.0	1319.6	1114.7	927.1	750.4	552.9
10°	3922.7	3223.9	2664.9	2222.3	1867.8	1582.0	1337.9	1129.9	938.5	760.0	556.0
7.5°	4021.6	3293.2	2713.7	2257.7	1893.1	1601.5	1353.2	1141.8	947.3	766.8	556.7
5°	4090.8	3341.5	2749.4	2282.5	1912.3	1615.5	1364.1	1149.6	953.3	770.5	555.1
2.5°	4127.1	3368.8	2771.4	2295.7	1923.3	1623.1	1370.2	1153.5	956.3	771.0	551.2
0°	4132.8	3374.0	2777.6	2297.3	1926.0	1624.3	1371.4	1153.3	956.0	768.1	545.3
-2.5°	4127.1	3368.8	2771.4	2295.7	1923.3	1623.1	1370.2	1153.5	956.3	771.0	551.2
-5°	4090.8	3341.5	2749.4	2282.5	1912.3	1615.5	1364.1	1149.6	953.3	770.5	555.1
-7.5°	4021.6	3293.2	2713.7	2257.7	1893.1	1601.5	1353.2	1141.8	947.3	766.8	556.7
-10°	3922.7	3223.9	2664.9	2222.3	1867.8	1582.0	1337.9	1129.9	938.5	760.0	556.0
-12.5°	3795.6	3133.2	2600.4	2175.6	1834.8	1557.0	1319.6	1114.7	927.1	750.4	552.9
-15°	3641.4	3021.5	2520.5	2117.8	1793.9	1525.8	1296.5	1096.0	913.5	738.0	547.4
-17.5°	3460.8	2889.4	2425.3	2049.1	1745.1	1488.5	1268.9	1073.4	897.1	723.4	541.1
-20°	3288.7	2756.5	2319.6	1969.7	1688.8	1445.4	1236.7	1047.2	878.1	707.1	534.6

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	3106.3	2625.7	2224.9	1896.3	1629.2	1396.4	1200.1	1017.4	856.5	689.5	526.4
-25°	2907.8	2480.8	2118.8	1819.6	1569.3	1351.0	1161.1	984.1	832.6	670.7	516.8
-27.5°	2724.9	2331.1	2001.1	1734.2	1502.9	1301.3	1120.1	953.6	806.4	651.0	505.9
-30°	2540.5	2192.5	1894.3	1644.6	1430.8	1246.7	1075.6	921.0	779.8	633.4	493.6
-32.5°	2348.4	2042.2	1784.5	1560.1	1362.4	1188.2	1027.4	886.2	753.2	616.5	483.8
-35°	2173.6	1904.0	1668.1	1469.8	1293.7	1131.5	979.6	849.3	726.9	598.7	473.7
-37.5°	1993.6	1768.2	1564.6	1381.6	1220.8	1071.5	934.6	813.2	701.0	580.0	462.1
-40°	1840.9	1636.8	1456.0	1298.3	1150.0	1008.5	886.6	777.8	677.4	560.4	449.1
-42.5°	1684.3	1514.6	1356.5	1211.0	1078.3	952.6	837.1	740.6	647.6	542.5	434.8
-45°	1548.4	1395.1	1257.5	1129.7	1005.6	894.2	794.0	702.1	615.4	524.5	420.0
-47.5°	1413.3	1284.4	1162.2	1045.7	938.9	836.2	749.1	665.0	582.1	504.8	405.0
-50°	1290.5	1176.6	1069.3	967.6	869.3	785.3	703.7	626.5	551.3	477.3	388.2
-52.5°	1173.7	1075.1	981.2	890.2	808.0	732.6	660.2	587.4	519.6	449.5	369.8
-55°	1063.4	979.3	896.0	818.1	746.3	682.1	615.5	551.7	487.2	420.6	350.2
-57.5°	960.6	886.2	815.3	747.3	686.7	630.3	573.8	515.2	453.1	390.6	332.3
-60°	858.8	796.8	734.8	680.3	628.2	579.2	533.5	477.1	417.6	359.8	309.7
-62.5°	760.5	707.7	662.0	614.8	568.7	528.4	491.7	435.7	380.8	329.5	284.6
-65°	664.9	625.4	589.0	545.4	507.3	474.7	442.2	393.0	342.8	297.6	258.1
-67.5°	569.9	537.9	505.8	472.3	446.0	419.3	390.6	347.2	303.2	264.4	230.2
-70°	472.4	446.7	426.7	408.2	386.9	363.2	334.8	298.7	262.0	230.8	201.7
-72.5°	379.0	366.9	357.7	345.7	326.4	304.0	278.4	249.6	222.2	196.5	172.5
-75°	289.7	290.6	290.0	282.5	265.0	245.1	225.0	203.4	181.7	161.5	141.6
-77.5°	220.9	223.6	224.2	220.1	205.8	190.4	173.8	156.4	141.6	126.7	110.2
-80°	157.0	160.4	161.6	158.9	147.7	135.6	125.2	114.5	103.9	91.9	78.6
-82.5°	97.7	100.7	102.4	101.7	95.5	88.8	81.7	74.2	66.2	57.1	51.8
-85°	49.2	50.2	50.0	48.5	45.3	41.8	41.8	41.2	39.5	37.3	34.5
-87.5°	16.5	17.9	19.1	20.0	20.6	20.9	20.9	20.6	19.7	18.6	17.3
-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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Scaled Data Report



REPORT NUMBER: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	15.6	12.2	9.1	6.3	3.8	1.7	0.0
85°	31.1	24.3	18.1	12.5	7.7	3.3	0.0
82.5°	46.5	36.3	27.0	18.8	11.5	5.0	0.0
80°	63.2	48.2	35.9	24.9	15.2	6.6	0.0
77.5°	90.3	62.7	44.6	31.0	18.9	8.3	0.0
75°	116.6	82.0	54.1	37.0	22.6	9.9	0.0
72.5°	142.0	100.7	67.0	42.8	26.2	11.4	0.0
70°	166.1	118.7	79.5	48.9	29.7	13.0	0.0
67.5°	187.1	135.8	91.4	56.6	33.0	14.5	0.0
65°	207.0	151.6	102.7	63.8	36.3	16.0	0.0
62.5°	225.8	166.0	113.4	70.7	39.5	17.4	0.0
60°	243.5	179.5	123.4	77.2	42.5	18.8	0.0
57.5°	259.4	192.1	132.7	83.3	46.2	20.1	0.0
55°	274.0	203.8	141.3	88.9	49.8	21.4	0.0
52.5°	287.5	214.4	149.3	94.0	53.2	22.6	0.0
50°	299.7	224.1	156.5	98.6	56.4	23.7	0.0
47.5°	311.0	232.9	162.9	102.9	59.5	24.8	0.0
45°	323.8	240.7	168.6	107.1	62.5	25.9	0.0
42.5°	335.1	247.5	173.5	110.8	65.3	26.8	0.0
40°	345.1	253.2	177.9	114.8	67.9	27.7	0.0
37.5°	353.6	257.9	181.8	119.0	70.3	28.6	0.0
35°	360.6	263.2	185.0	122.8	72.6	29.3	0.0
32.5°	367.1	268.2	187.5	126.2	74.6	30.0	0.0
30°	374.4	272.1	189.2	129.3	76.5	30.7	0.0
27.5°	380.3	274.8	193.2	132.1	78.2	31.2	0.0
25°	384.9	276.5	197.1	134.5	79.7	31.7	0.0
22.5°	388.1	278.7	200.5	136.5	80.9	32.1	0.0
20°	390.0	283.7	203.5	138.2	82.0	32.4	0.0
17.5°	394.3	287.9	205.9	139.6	82.9	32.7	0.0
15°	399.6	291.1	207.9	140.6	83.6	32.8	0.0
12.5°	403.4	293.5	209.4	141.2	84.1	33.0	0.0
10°	405.8	295.0	210.3	141.5	84.4	33.0	0.0
7.5°	406.7	295.6	210.7	141.4	84.5	33.0	0.0
5°	406.3	295.4	210.6	141.0	84.3	32.9	0.0
2.5°	404.5	294.3	210.0	140.3	84.0	32.7	0.0
0°	401.4	292.4	208.8	139.2	83.5	32.5	0.0
-2.5°	404.5	294.3	210.0	140.3	84.0	32.7	0.0
-5°	406.3	295.4	210.6	141.0	84.3	32.9	0.0
-7.5°	406.7	295.6	210.7	141.4	84.5	33.0	0.0
-10°	405.8	295.0	210.3	141.5	84.4	33.0	0.0
-12.5°	403.4	293.5	209.4	141.2	84.1	33.0	0.0
-15°	399.6	291.1	207.9	140.6	83.6	32.8	0.0
-17.5°	394.3	287.9	205.9	139.6	82.9	32.7	0.0
-20°	390.0	283.7	203.5	138.2	82.0	32.4	0.0

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REPORT NUMBER: P627873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	388.1	278.7	200.5	136.5	80.9	32.1	0.0
-25°	384.9	276.5	197.1	134.5	79.7	31.7	0.0
-27.5°	380.3	274.8	193.2	132.1	78.2	31.2	0.0
-30°	374.4	272.1	189.2	129.3	76.5	30.7	0.0
-32.5°	367.1	268.2	187.5	126.2	74.6	30.0	0.0
-35°	360.6	263.2	185.0	122.8	72.6	29.3	0.0
-37.5°	353.6	257.9	181.8	119.0	70.3	28.6	0.0
-40°	345.1	253.2	177.9	114.8	67.9	27.7	0.0
-42.5°	335.1	247.5	173.5	110.8	65.3	26.8	0.0
-45°	323.8	240.7	168.6	107.1	62.5	25.9	0.0
-47.5°	311.0	232.9	162.9	102.9	59.5	24.8	0.0
-50°	299.7	224.1	156.5	98.6	56.4	23.7	0.0
-52.5°	287.5	214.4	149.3	94.0	53.2	22.6	0.0
-55°	274.0	203.8	141.3	88.9	49.8	21.4	0.0
-57.5°	259.4	192.1	132.7	83.3	46.2	20.1	0.0
-60°	243.5	179.5	123.4	77.2	42.5	18.8	0.0
-62.5°	225.8	166.0	113.4	70.7	39.5	17.4	0.0
-65°	207.0	151.6	102.7	63.8	36.3	16.0	0.0
-67.5°	187.1	135.8	91.4	56.6	33.0	14.5	0.0
-70°	166.1	118.7	79.5	48.9	29.7	13.0	0.0
-72.5°	142.0	100.7	67.0	42.8	26.2	11.4	0.0
-75°	116.6	82.0	54.1	37.0	22.6	9.9	0.0
-77.5°	90.3	62.7	44.6	31.0	18.9	8.3	0.0
-80°	63.2	48.2	35.9	24.9	15.2	6.6	0.0
-82.5°	46.5	36.3	27.0	18.8	11.5	5.0	0.0
-85°	31.1	24.3	18.1	12.5	7.7	3.3	0.0
-87.5°	15.6	12.2	9.1	6.3	3.8	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)