

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: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627933 (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-SA6D-730-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N142
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

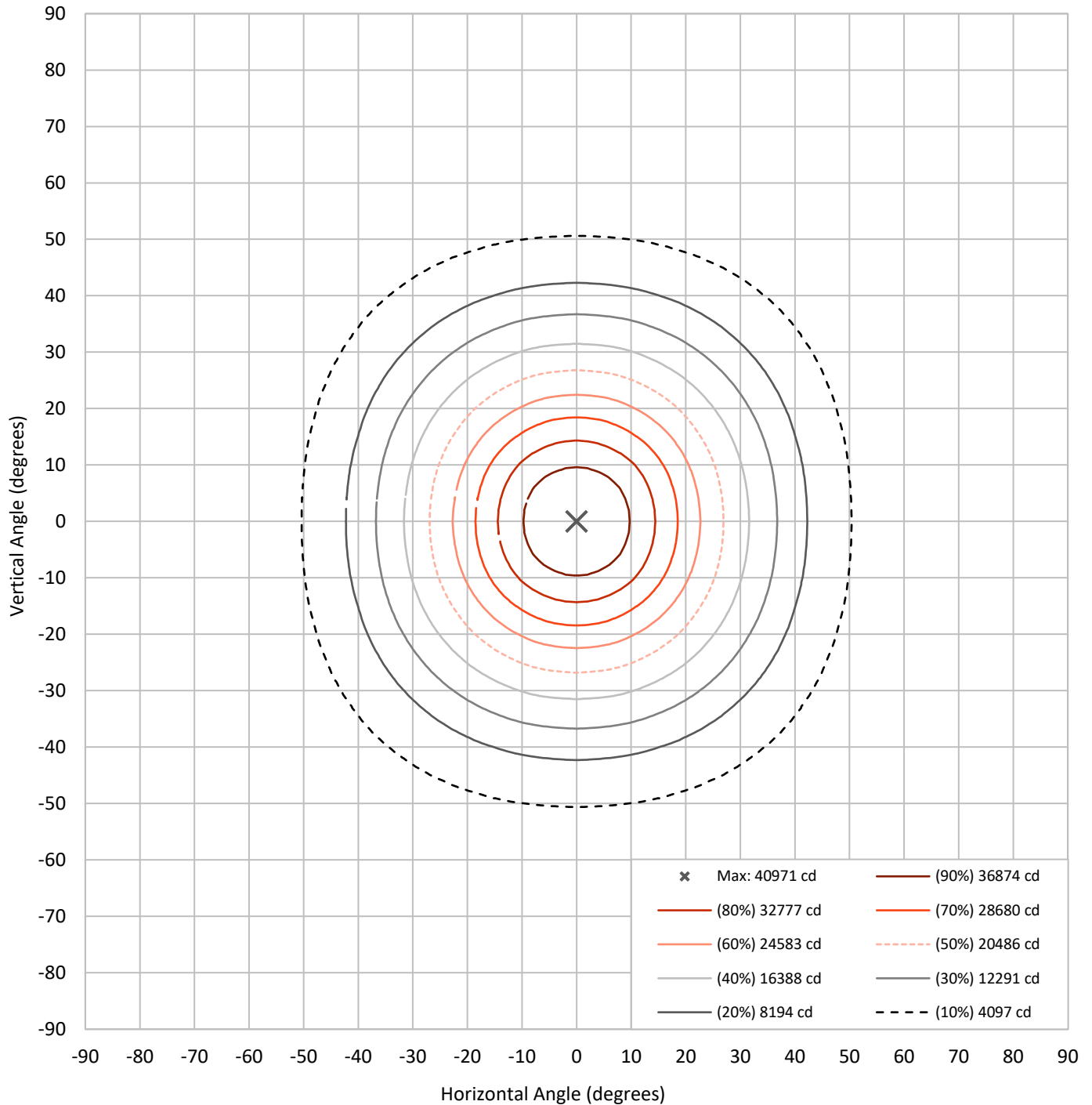
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	41698.9 lumens	Max Intensity:	40971 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.9 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:	19937.9 lumens	Field Lumens:	36800.7 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





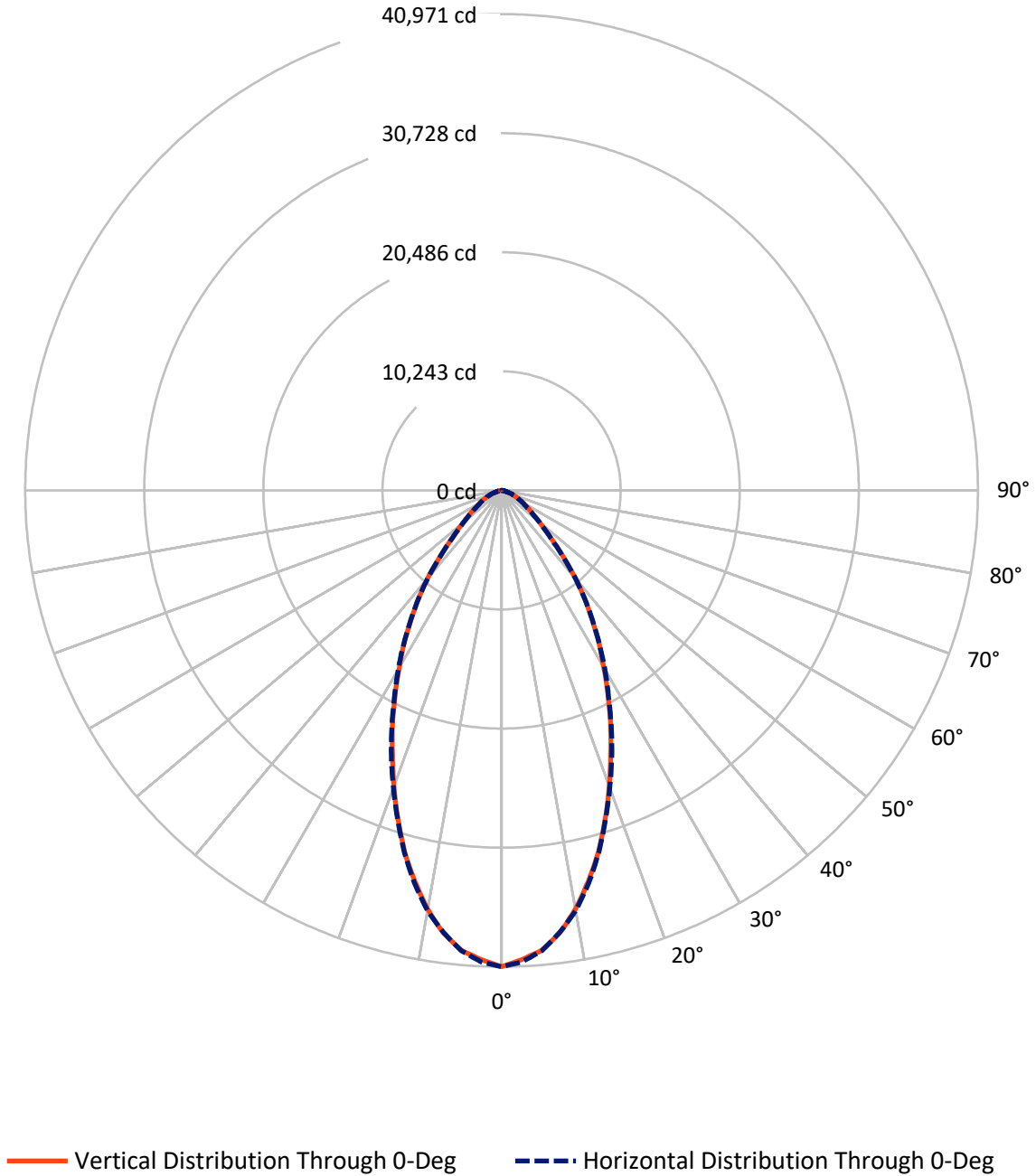
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Lumen Table

90																			
80	1.6	11.5		26.2		43.6		37.4		43.6		26.2		11.5		1.6			
70																			
60	5.4	6.3	12.0	19.2	27.8	36.1	42.4	45.4	45.4	42.4	36.1	27.8	19.2	12.0	6.3	5.4			
50		9.0	18.1	31.3	48.0	66.0	82.4	91.8	91.8	82.4	66.0	48.0	31.3	18.1	9.0				
40	8.0	11.5	25.0	46.7	78.7	121.0	166.9	197.4	197.4	166.9	121.0	78.7	46.7	25.0	11.5	8.0			
30		14.0	32.7	67.9	132.2	234.7	341.0	404.4	404.4	341.0	234.7	132.2	67.9	32.7	14.0				
20	9.4	16.3	40.8	95.0	213.7	384.0	549.5	656.9	656.9	549.5	384.0	213.7	95.0	40.8	16.3	9.4			
10		18.1	47.8	123.2	291.6	518.6	765.7	941.9	941.9	765.7	518.6	291.6	123.2	47.8	18.1				
0	9.9	19.0	51.8	141.5	335.7	602.9	917.5	1153.8	1153.8	917.5	602.9	335.7	141.5	51.8	19.0	9.9			
-10		19.0	51.8	141.5	335.7	602.9	917.5	1153.8	1153.8	917.5	602.9	335.7	141.5	51.8	19.0				
-20	9.4	18.1	47.8	123.2	291.6	518.6	765.7	941.9	941.9	765.7	518.6	291.6	123.2	47.8	18.1	9.4			
-30		16.3	40.8	95.0	213.7	384.0	549.5	656.9	656.9	549.5	384.0	213.7	95.0	40.8	16.3				
-40	8.0	14.0	32.7	67.9	132.2	234.7	341.0	404.4	404.4	341.0	234.7	132.2	67.9	32.7	14.0	8.0			
-50		11.5	25.0	46.7	78.7	121.0	166.9	197.4	197.4	166.9	121.0	78.7	46.7	25.0	11.5				
-60	5.4	9.0	18.1	31.3	48.0	66.0	82.4	91.8	91.8	82.4	66.0	48.0	31.3	18.1	9.0	5.4			
-70		6.3	12.0	19.2	27.8	36.1	42.4	45.4	45.4	42.4	36.1	27.8	19.2	12.0	6.3				
-80	1.6	11.5		26.2		43.6		37.4		43.6		26.2		11.5		1.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

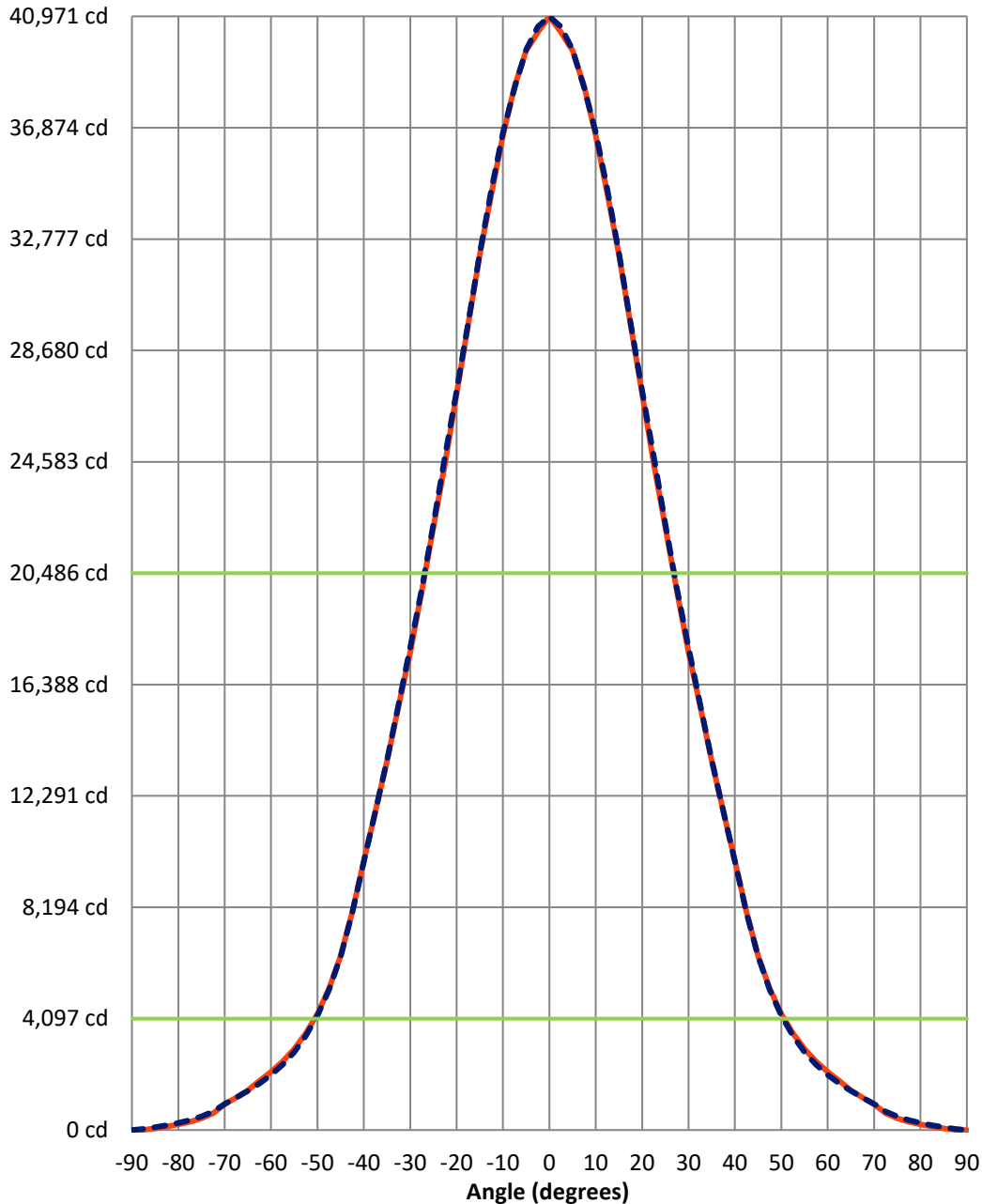
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 19937.9
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 36800.7
 Efficiency: 88.3%

Spill:
 Lumens: 4898.2
 Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.1	4.8	7.8	11.3	15.2	19.5	21.6	23.3	24.7	25.7
85°	0.0	4.2	9.6	15.6	22.6	30.3	38.9	43.1	46.6	49.3	51.4
82.5°	0.0	6.2	14.3	23.4	33.8	45.3	58.1	64.7	71.3	82.6	92.6
80°	0.0	8.3	19.0	31.1	44.8	60.2	78.9	98.1	114.7	129.6	142.8
77.5°	0.0	10.3	23.6	38.7	55.7	78.3	112.7	137.5	158.2	176.7	195.2
75°	0.0	12.3	28.2	46.1	67.5	102.3	145.5	176.7	201.6	226.7	253.8
72.5°	0.0	14.3	32.6	53.4	83.6	125.7	177.2	215.3	245.2	277.3	311.5
70°	0.0	16.2	37.0	61.1	99.1	148.1	207.3	251.6	288.0	326.9	372.7
67.5°	0.0	18.1	41.2	70.6	114.0	169.5	233.5	287.3	329.9	378.3	433.2
65°	0.0	19.9	45.3	79.6	128.2	189.1	258.3	322.1	371.4	427.8	490.5
62.5°	0.0	21.7	49.2	88.2	141.5	207.1	281.8	355.1	411.1	475.2	543.7
60°	0.0	23.4	53.0	96.3	154.0	224.0	303.7	386.4	449.0	521.1	595.4
57.5°	0.0	25.0	57.6	103.9	165.6	239.7	323.6	414.6	487.3	565.5	643.0
55°	0.0	26.6	62.0	110.9	176.3	254.2	341.9	437.0	524.9	608.0	688.5
52.5°	0.0	28.2	66.3	117.3	186.2	267.5	358.7	461.5	560.9	648.5	733.0
50°	0.0	29.6	70.4	123.0	195.2	279.7	373.9	484.4	595.6	688.0	781.9
47.5°	0.0	31.0	74.3	128.3	203.3	290.7	388.1	505.3	629.9	726.4	829.8
45°	0.0	32.3	77.9	133.5	210.4	300.4	404.0	524.1	654.5	768.0	876.2
42.5°	0.0	33.5	81.4	138.2	216.5	308.8	418.1	542.5	677.0	808.1	924.2
40°	0.0	34.6	84.7	143.2	222.0	316.0	430.6	560.4	699.3	845.3	970.6
37.5°	0.0	35.6	87.7	148.4	226.9	321.8	441.2	576.6	723.7	874.7	1014.6
35°	0.0	36.6	90.5	153.1	230.9	328.4	450.0	591.0	747.1	907.0	1059.7
32.5°	0.0	37.4	93.1	157.5	234.0	334.7	458.1	603.7	769.4	939.9	1105.8
30°	0.0	38.2	95.4	161.3	236.1	339.5	467.1	615.9	790.4	973.0	1149.3
27.5°	0.0	38.9	97.5	164.8	241.1	342.9	474.5	631.2	812.3	1006.3	1190.0
25°	0.0	39.5	99.4	167.8	246.0	345.0	480.2	644.9	836.9	1038.9	1228.0
22.5°	0.0	40.0	101.0	170.4	250.3	347.7	484.3	656.9	860.3	1068.8	1269.6
20°	0.0	40.4	102.3	172.5	253.9	354.0	486.6	667.1	882.4	1095.7	1306.8
17.5°	0.0	40.7	103.5	174.2	257.0	359.2	492.1	675.3	902.7	1119.4	1339.5
15°	0.0	40.9	104.3	175.4	259.5	363.3	498.6	683.0	920.9	1139.9	1367.6
12.5°	0.0	41.1	104.9	176.2	261.3	366.3	503.4	690.0	936.4	1156.9	1391.0
10°	0.0	41.1	105.3	176.5	262.4	368.1	506.4	693.9	948.4	1171.2	1410.0
7.5°	0.0	41.1	105.4	176.4	263.0	368.9	507.6	694.7	956.9	1182.2	1424.7
5°	0.0	41.0	105.2	175.9	262.8	368.6	507.0	692.7	961.5	1189.6	1434.5
2.5°	0.0	40.8	104.8	175.0	262.1	367.3	504.8	687.9	962.1	1193.3	1439.4
0°	0.0	40.5	104.2	173.7	260.6	364.9	501.0	680.5	958.5	1193.0	1439.2
-2.5°	0.0	40.8	104.8	175.0	262.1	367.3	504.8	687.9	962.1	1193.3	1439.4
-5°	0.0	41.0	105.2	175.9	262.8	368.6	507.0	692.7	961.5	1189.6	1434.5
-7.5°	0.0	41.1	105.4	176.4	263.0	368.9	507.6	694.7	956.9	1182.2	1424.7
-10°	0.0	41.1	105.3	176.5	262.4	368.1	506.4	693.9	948.4	1171.2	1410.0
-12.5°	0.0	41.1	104.9	176.2	261.3	366.3	503.4	690.0	936.4	1156.9	1391.0
-15°	0.0	40.9	104.3	175.4	259.5	363.3	498.6	683.0	920.9	1139.9	1367.6
-17.5°	0.0	40.7	103.5	174.2	257.0	359.2	492.1	675.3	902.7	1119.4	1339.5
-20°	0.0	40.4	102.3	172.5	253.9	354.0	486.6	667.1	882.4	1095.7	1306.8

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	40.0	101.0	170.4	250.3	347.7	484.3	656.9	860.3	1068.8	1269.6
-25°	0.0	39.5	99.4	167.8	246.0	345.0	480.2	644.9	836.9	1038.9	1228.0
-27.5°	0.0	38.9	97.5	164.8	241.1	342.9	474.5	631.2	812.3	1006.3	1190.0
-30°	0.0	38.2	95.4	161.3	236.1	339.5	467.1	615.9	790.4	973.0	1149.3
-32.5°	0.0	37.4	93.1	157.5	234.0	334.7	458.1	603.7	769.4	939.9	1105.8
-35°	0.0	36.6	90.5	153.1	230.9	328.4	450.0	591.0	747.1	907.0	1059.7
-37.5°	0.0	35.6	87.7	148.4	226.9	321.8	441.2	576.6	723.7	874.7	1014.6
-40°	0.0	34.6	84.7	143.2	222.0	316.0	430.6	560.4	699.3	845.3	970.6
-42.5°	0.0	33.5	81.4	138.2	216.5	308.8	418.1	542.5	677.0	808.1	924.2
-45°	0.0	32.3	77.9	133.5	210.4	300.4	404.0	524.1	654.5	768.0	876.2
-47.5°	0.0	31.0	74.3	128.3	203.3	290.7	388.1	505.3	629.9	726.4	829.8
-50°	0.0	29.6	70.4	123.0	195.2	279.7	373.9	484.4	595.6	688.0	781.9
-52.5°	0.0	28.2	66.3	117.3	186.2	267.5	358.7	461.5	560.9	648.5	733.0
-55°	0.0	26.6	62.0	110.9	176.3	254.2	341.9	437.0	524.9	608.0	688.5
-57.5°	0.0	25.0	57.6	103.9	165.6	239.7	323.6	414.6	487.3	565.5	643.0
-60°	0.0	23.4	53.0	96.3	154.0	224.0	303.7	386.4	449.0	521.1	595.4
-62.5°	0.0	21.7	49.2	88.2	141.5	207.1	281.8	355.1	411.1	475.2	543.7
-65°	0.0	19.9	45.3	79.6	128.2	189.1	258.3	322.1	371.4	427.8	490.5
-67.5°	0.0	18.1	41.2	70.6	114.0	169.5	233.5	287.3	329.9	378.3	433.2
-70°	0.0	16.2	37.0	61.1	99.1	148.1	207.3	251.6	288.0	326.9	372.7
-72.5°	0.0	14.3	32.6	53.4	83.6	125.7	177.2	215.3	245.2	277.3	311.5
-75°	0.0	12.3	28.2	46.1	67.5	102.3	145.5	176.7	201.6	226.7	253.8
-77.5°	0.0	10.3	23.6	38.7	55.7	78.3	112.7	137.5	158.2	176.7	195.2
-80°	0.0	8.3	19.0	31.1	44.8	60.2	78.9	98.1	114.7	129.6	142.8
-82.5°	0.0	6.2	14.3	23.4	33.8	45.3	58.1	64.7	71.3	82.6	92.6
-85°	0.0	4.2	9.6	15.6	22.6	30.3	38.9	43.1	46.6	49.3	51.4
-87.5°	0.0	2.1	4.8	7.8	11.3	15.2	19.5	21.6	23.3	24.7	25.7
-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°	26.1	26.1	25.7	24.9	23.8	22.4	20.6	18.5	19.2	20.0	20.7
85°	52.2	52.2	56.5	60.5	62.4	62.7	61.4	58.7	66.4	75.1	84.4
82.5°	101.9	110.8	119.1	127.0	127.8	125.8	121.9	117.3	132.8	151.6	171.2
80°	156.2	169.3	184.3	198.4	201.7	200.2	195.9	188.8	209.2	238.1	269.2
77.5°	216.8	237.6	256.8	274.6	279.8	279.0	275.7	270.0	295.9	335.9	377.5
75°	280.8	305.8	330.7	352.5	361.9	362.6	361.5	367.7	401.8	448.7	490.0
72.5°	347.4	379.3	407.3	431.4	446.4	457.8	473.0	491.6	526.1	572.1	612.6
70°	417.8	453.3	482.8	509.5	532.5	557.4	589.6	621.3	657.7	703.6	745.7
67.5°	487.4	523.3	556.6	589.4	631.3	671.3	711.2	752.8	798.6	846.8	889.4
65°	551.8	592.4	633.1	680.7	735.1	780.5	829.7	883.7	943.8	998.1	1047.5
62.5°	613.6	659.4	709.8	767.2	826.2	883.1	949.1	1018.5	1088.7	1156.7	1224.2
60°	665.8	722.8	783.9	848.9	916.9	994.3	1071.7	1154.3	1238.2	1320.0	1403.6
57.5°	716.0	786.5	857.0	932.6	1017.4	1105.9	1198.8	1291.7	1392.0	1491.2	1586.0
55°	768.1	851.2	931.3	1021.0	1118.1	1222.1	1327.0	1439.7	1550.5	1675.4	1790.5
52.5°	823.8	914.2	1008.4	1110.9	1224.4	1341.6	1464.6	1593.9	1731.8	1870.6	2011.3
50°	878.1	979.9	1084.8	1207.5	1334.4	1468.3	1610.3	1761.0	1921.5	2082.1	2252.5
47.5°	934.8	1043.5	1171.6	1304.9	1450.2	1602.7	1763.5	1942.6	2121.1	2323.3	2518.6
45°	990.8	1115.8	1254.8	1409.6	1569.2	1740.9	1932.2	2128.9	2356.7	2585.1	2841.8
42.5°	1044.6	1188.8	1345.6	1511.0	1692.7	1890.0	2101.7	2349.1	2605.9	2888.6	3189.9
40°	1106.4	1258.5	1435.1	1620.1	1816.9	2042.5	2297.2	2571.8	2885.1	3220.1	3562.3
37.5°	1166.2	1337.1	1523.3	1724.1	1952.5	2206.6	2487.8	2824.4	3185.9	3566.7	4032.3
35°	1222.5	1411.9	1614.3	1834.2	2081.6	2375.9	2712.3	3084.3	3500.9	3992.0	4535.3
32.5°	1282.1	1482.8	1700.1	1946.8	2226.9	2548.5	2930.5	3368.4	3861.3	4420.6	5100.3
30°	1342.2	1555.7	1785.4	2052.3	2363.9	2736.0	3170.2	3654.1	4221.1	4922.7	5720.6
27.5°	1397.8	1623.9	1875.5	2164.1	2497.2	2909.0	3400.4	3967.7	4635.8	5428.6	6360.6
25°	1448.9	1685.9	1958.2	2270.6	2644.1	3095.8	3628.6	4256.8	5050.6	5996.0	7142.6
22.5°	1497.5	1742.5	2033.1	2366.3	2776.4	3276.6	3876.2	4595.0	5472.6	6533.5	7908.7
20°	1543.2	1803.6	2107.4	2458.0	2894.7	3439.7	4103.9	4910.8	5909.4	7165.4	8659.9
17.5°	1583.3	1857.5	2177.7	2557.0	3026.6	3605.6	4318.6	5189.6	6298.3	7729.7	9353.0
15°	1617.8	1904.0	2238.5	2642.7	3145.3	3770.4	4544.0	5495.3	6703.9	8242.9	9961.6
12.5°	1646.6	1942.9	2289.6	2714.9	3245.0	3909.8	4736.4	5767.8	7099.0	8726.2	10495.9
10°	1669.4	1974.1	2330.8	2773.1	3325.4	4023.0	4895.0	5990.7	7427.8	9140.5	10948.0
7.5°	1688.5	1998.5	2362.3	2817.3	3386.3	4109.5	5018.5	6162.7	7684.7	9468.6	11294.8
5°	1702.1	2016.0	2386.3	2848.2	3430.9	4169.8	5104.9	6283.0	7867.5	9706.3	11532.0
2.5°	1709.7	2025.5	2400.0	2864.7	3458.3	4203.9	5150.1	6358.5	7968.0	9842.0	11675.4
0°	1711.3	2027.0	2403.4	2866.7	3466.1	4210.3	5157.2	6382.1	7989.2	9877.2	11727.5
-2.5°	1709.7	2025.5	2400.0	2864.7	3458.3	4203.9	5150.1	6358.5	7968.0	9842.0	11675.4
-5°	1702.1	2016.0	2386.3	2848.2	3430.9	4169.8	5104.9	6283.0	7867.5	9706.3	11532.0
-7.5°	1688.5	1998.5	2362.3	2817.3	3386.3	4109.5	5018.5	6162.7	7684.7	9468.6	11294.8
-10°	1669.4	1974.1	2330.8	2773.1	3325.4	4023.0	4895.0	5990.7	7427.8	9140.5	10948.0
-12.5°	1646.6	1942.9	2289.6	2714.9	3245.0	3909.8	4736.4	5767.8	7099.0	8726.2	10495.9
-15°	1617.8	1904.0	2238.5	2642.7	3145.3	3770.4	4544.0	5495.3	6703.9	8242.9	9961.6
-17.5°	1583.3	1857.5	2177.7	2557.0	3026.6	3605.6	4318.6	5189.6	6298.3	7729.7	9353.0
-20°	1543.2	1803.6	2107.4	2458.0	2894.7	3439.7	4103.9	4910.8	5909.4	7165.4	8659.9



REPORT NUMBER: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	1497.5	1742.5	2033.1	2366.3	2776.4	3276.6	3876.2	4595.0	5472.6	6533.5	7908.7
-25°	1448.9	1685.9	1958.2	2270.6	2644.1	3095.8	3628.6	4256.8	5050.6	5996.0	7142.6
-27.5°	1397.8	1623.9	1875.5	2164.1	2497.2	2909.0	3400.4	3967.7	4635.8	5428.6	6360.6
-30°	1342.2	1555.7	1785.4	2052.3	2363.9	2736.0	3170.2	3654.1	4221.1	4922.7	5720.6
-32.5°	1282.1	1482.8	1700.1	1946.8	2226.9	2548.5	2930.5	3368.4	3861.3	4420.6	5100.3
-35°	1222.5	1411.9	1614.3	1834.2	2081.6	2375.9	2712.3	3084.3	3500.9	3992.0	4535.3
-37.5°	1166.2	1337.1	1523.3	1724.1	1952.5	2206.6	2487.8	2824.4	3185.9	3566.7	4032.3
-40°	1106.4	1258.5	1435.1	1620.1	1816.9	2042.5	2297.2	2571.8	2885.1	3220.1	3562.3
-42.5°	1044.6	1188.8	1345.6	1511.0	1692.7	1890.0	2101.7	2349.1	2605.9	2888.6	3189.9
-45°	990.8	1115.8	1254.8	1409.6	1569.2	1740.9	1932.2	2128.9	2356.7	2585.1	2841.8
-47.5°	934.8	1043.5	1171.6	1304.9	1450.2	1602.7	1763.5	1942.6	2121.1	2323.3	2518.6
-50°	878.1	979.9	1084.8	1207.5	1334.4	1468.3	1610.3	1761.0	1921.5	2082.1	2252.5
-52.5°	823.8	914.2	1008.4	1110.9	1224.4	1341.6	1464.6	1593.9	1731.8	1870.6	2011.3
-55°	768.1	851.2	931.3	1021.0	1118.1	1222.1	1327.0	1439.7	1550.5	1675.4	1790.5
-57.5°	716.0	786.5	857.0	932.6	1017.4	1105.9	1198.8	1291.7	1392.0	1491.2	1586.0
-60°	665.8	722.8	783.9	848.9	916.9	994.3	1071.7	1154.3	1238.2	1320.0	1403.6
-62.5°	613.6	659.4	709.8	767.2	826.2	883.1	949.1	1018.5	1088.7	1156.7	1224.2
-65°	551.8	592.4	633.1	680.7	735.1	780.5	829.7	883.7	943.8	998.1	1047.5
-67.5°	487.4	523.3	556.6	589.4	631.3	671.3	711.2	752.8	798.6	846.8	889.4
-70°	417.8	453.3	482.8	509.5	532.5	557.4	589.6	621.3	657.7	703.6	745.7
-72.5°	347.4	379.3	407.3	431.4	446.4	457.8	473.0	491.6	526.1	572.1	612.6
-75°	280.8	305.8	330.7	352.5	361.9	362.6	361.5	367.7	401.8	448.7	490.0
-77.5°	216.8	237.6	256.8	274.6	279.8	279.0	275.7	270.0	295.9	335.9	377.5
-80°	156.2	169.3	184.3	198.4	201.7	200.2	195.9	188.8	209.2	238.1	269.2
-82.5°	101.9	110.8	119.1	127.0	127.8	125.8	121.9	117.3	132.8	151.6	171.2
-85°	52.2	52.2	56.5	60.5	62.4	62.7	61.4	58.7	66.4	75.1	84.4
-87.5°	26.1	26.1	25.7	24.9	23.8	22.4	20.6	18.5	19.2	20.0	20.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	21.4	20.8	20.1	19.3	18.4	18.1	17.7	17.3	16.8	15.6	14.3
85°	94.2	96.3	97.4	98.0	98.0	101.1	104.1	106.7	109.1	98.9	87.6
82.5°	191.5	200.5	208.4	216.2	223.9	229.2	233.3	236.2	238.1	215.5	190.2
80°	301.4	320.3	335.9	350.9	365.2	368.7	368.7	366.6	362.7	331.8	296.9
77.5°	419.2	443.9	463.5	483.0	502.1	509.2	512.5	515.2	516.9	478.8	431.7
75°	526.0	555.5	583.0	608.4	631.9	644.4	651.8	657.8	662.5	624.1	573.7
72.5°	647.9	679.1	708.8	737.0	761.9	778.4	789.2	798.1	805.0	783.2	751.7
70°	781.8	814.1	845.5	874.8	903.0	925.2	942.7	957.7	970.3	972.7	971.6
67.5°	930.6	968.6	1006.0	1038.0	1071.4	1102.8	1130.4	1153.3	1171.7	1183.8	1190.5
65°	1097.5	1154.8	1205.8	1249.0	1285.2	1327.0	1364.0	1392.2	1412.1	1427.2	1440.1
62.5°	1294.2	1363.7	1422.0	1479.7	1539.1	1596.9	1633.0	1669.3	1704.7	1738.2	1766.7
60°	1483.6	1559.8	1638.7	1712.3	1780.4	1843.1	1908.0	1965.4	2015.7	2057.8	2089.1
57.5°	1685.4	1778.1	1867.9	1961.3	2049.3	2131.3	2211.3	2285.3	2349.2	2402.9	2446.9
55°	1904.4	2017.7	2124.5	2243.1	2358.1	2462.9	2559.4	2658.4	2747.5	2826.0	2888.3
52.5°	2140.5	2287.9	2429.2	2568.5	2717.5	2852.0	2972.4	3109.6	3231.2	3331.8	3410.1
50°	2422.4	2595.6	2782.2	2954.8	3142.8	3327.9	3498.6	3664.0	3825.7	3965.6	4078.6
47.5°	2743.4	2956.6	3187.7	3416.6	3650.0	3903.0	4128.9	4338.7	4564.8	4761.1	4918.5
45°	3100.3	3372.1	3651.3	3972.9	4269.2	4594.3	4895.2	5165.5	5486.1	5768.5	5995.9
42.5°	3496.2	3858.2	4225.3	4630.5	5023.6	5436.3	5874.8	6263.7	6688.9	7094.3	7422.0
40°	3986.8	4419.6	4911.2	5401.7	5965.9	6496.0	7134.7	7715.2	8242.3	8725.7	9121.9
37.5°	4532.0	5089.2	5706.9	6345.6	7117.8	7874.6	8622.3	9328.1	9951.2	10480.3	10924.2
35°	5151.1	5859.1	6607.2	7539.7	8444.4	9350.8	10195.3	10966.7	11644.5	12241.4	12749.0
32.5°	5863.1	6712.8	7760.1	8807.7	9839.7	10837.7	11764.8	12606.2	13349.5	14019.6	14603.4
30°	6611.6	7771.1	8946.5	10095.8	11222.9	12316.0	13333.5	14260.3	15100.2	15846.2	16518.7
27.5°	7562.9	8847.8	10129.5	11368.4	12608.4	13804.7	14907.5	15937.1	16900.8	17744.0	18512.7
25°	8483.0	9902.5	11264.9	12615.8	13965.5	15250.0	16483.0	17645.9	18749.7	19717.5	20575.7
22.5°	9403.0	10888.7	12344.6	13797.2	15247.0	16679.0	18063.5	19395.8	20630.1	21732.2	22698.2
20°	10255.0	11808.2	13365.1	14931.0	16502.6	18070.0	19625.0	21124.3	22499.4	23771.8	24889.9
17.5°	11018.9	12670.7	14321.4	15996.3	17700.0	19401.7	21129.0	22809.7	24381.9	25829.6	27126.8
15°	11695.4	13419.0	15191.8	16999.1	18828.5	20676.7	22561.5	24442.0	26211.8	27856.1	29304.3
12.5°	12286.8	14078.7	15936.8	17857.2	19842.8	21856.2	23913.2	25974.5	27933.7	29832.1	31395.7
10°	12774.8	14639.9	16581.9	18599.8	20693.7	22860.7	25067.5	27286.4	29444.9	31458.7	33246.8
7.5°	13151.7	15086.6	17087.8	19186.5	21383.4	23668.5	26006.2	28360.9	30664.3	32834.4	34812.8
5°	13417.6	15411.8	17438.2	19621.3	21894.4	24262.4	26692.1	29145.9	31553.9	33835.6	35886.0
2.5°	13572.0	15607.1	17642.2	19885.4	22198.3	24621.8	27117.4	29611.6	32083.1	34449.6	36556.7
0°	13612.6	15665.6	17759.2	19913.6	22293.9	24789.9	27196.2	29698.1	32266.6	34600.5	36699.9
-2.5°	13572.0	15607.1	17642.2	19885.4	22198.3	24621.8	27117.4	29611.6	32083.1	34449.6	36556.7
-5°	13417.6	15411.8	17438.2	19621.3	21894.4	24262.4	26692.1	29145.9	31553.9	33835.6	35886.0
-7.5°	13151.7	15086.6	17087.8	19186.5	21383.4	23668.5	26006.2	28360.9	30664.3	32834.4	34812.8
-10°	12774.8	14639.9	16581.9	18599.8	20693.7	22860.7	25067.5	27286.4	29444.9	31458.7	33246.8
-12.5°	12286.8	14078.7	15936.8	17857.2	19842.8	21856.2	23913.2	25974.5	27933.7	29832.1	31395.7
-15°	11695.4	13419.0	15191.8	16999.1	18828.5	20676.7	22561.5	24442.0	26211.8	27856.1	29304.3
-17.5°	11018.9	12670.7	14321.4	15996.3	17700.0	19401.7	21129.0	22809.7	24381.9	25829.6	27126.8
-20°	10255.0	11808.2	13365.1	14931.0	16502.6	18070.0	19625.0	21124.3	22499.4	23771.8	24889.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	9403.0	10888.7	12344.6	13797.2	15247.0	16679.0	18063.5	19395.8	20630.1	21732.2	22698.2
-25°	8483.0	9902.5	11264.9	12615.8	13965.5	15250.0	16483.0	17645.9	18749.7	19717.5	20575.7
-27.5°	7562.9	8847.8	10129.5	11368.4	12608.4	13804.7	14907.5	15937.1	16900.8	17744.0	18512.7
-30°	6611.6	7771.1	8946.5	10095.8	11222.9	12316.0	13333.5	14260.3	15100.2	15846.2	16518.7
-32.5°	5863.1	6712.8	7760.1	8807.7	9839.7	10837.7	11764.8	12606.2	13349.5	14019.6	14603.4
-35°	5151.1	5859.1	6607.2	7539.7	8444.4	9350.8	10195.3	10966.7	11644.5	12241.4	12749.0
-37.5°	4532.0	5089.2	5706.9	6345.6	7117.8	7874.6	8622.3	9328.1	9951.2	10480.3	10924.2
-40°	3986.8	4419.6	4911.2	5401.7	5965.9	6496.0	7134.7	7715.2	8242.3	8725.7	9121.9
-42.5°	3496.2	3858.2	4225.3	4630.5	5023.6	5436.3	5874.8	6263.7	6688.9	7094.3	7422.0
-45°	3100.3	3372.1	3651.3	3972.9	4269.2	4594.3	4895.2	5165.5	5486.1	5768.5	5995.9
-47.5°	2743.4	2956.6	3187.7	3416.6	3650.0	3903.0	4128.9	4338.7	4564.8	4761.1	4918.5
-50°	2422.4	2595.6	2782.2	2954.8	3142.8	3327.9	3498.6	3664.0	3825.7	3965.6	4078.6
-52.5°	2140.5	2287.9	2429.2	2568.5	2717.5	2852.0	2972.4	3109.6	3231.2	3331.8	3410.1
-55°	1904.4	2017.7	2124.5	2243.1	2358.1	2462.9	2559.4	2658.4	2747.5	2826.0	2888.3
-57.5°	1685.4	1778.1	1867.9	1961.3	2049.3	2131.3	2211.3	2285.3	2349.2	2402.9	2446.9
-60°	1483.6	1559.8	1638.7	1712.3	1780.4	1843.1	1908.0	1965.4	2015.7	2057.8	2089.1
-62.5°	1294.2	1363.7	1422.0	1479.7	1539.1	1596.9	1633.0	1669.3	1704.7	1738.2	1766.7
-65°	1097.5	1154.8	1205.8	1249.0	1285.2	1327.0	1364.0	1392.2	1412.1	1427.2	1440.1
-67.5°	930.6	968.6	1006.0	1038.0	1071.4	1102.8	1130.4	1153.3	1171.7	1183.8	1190.5
-70°	781.8	814.1	845.5	874.8	903.0	925.2	942.7	957.7	970.3	972.7	971.6
-72.5°	647.9	679.1	708.8	737.0	761.9	778.4	789.2	798.1	805.0	783.2	751.7
-75°	526.0	555.5	583.0	608.4	631.9	644.4	651.8	657.8	662.5	624.1	573.7
-77.5°	419.2	443.9	463.5	483.0	502.1	509.2	512.5	515.2	516.9	478.8	431.7
-80°	301.4	320.3	335.9	350.9	365.2	368.7	368.7	366.6	362.7	331.8	296.9
-82.5°	191.5	200.5	208.4	216.2	223.9	229.2	233.3	236.2	238.1	215.5	190.2
-85°	94.2	96.3	97.4	98.0	98.0	101.1	104.1	106.7	109.1	98.9	87.6
-87.5°	21.4	20.8	20.1	19.3	18.4	18.1	17.7	17.3	16.8	15.6	14.3
-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: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	12.9	11.6	10.1	8.7	10.1	11.6	12.9	14.3	15.6	16.8	17.3
85°	75.8	63.4	62.2	60.8	62.2	63.4	75.8	87.6	98.9	109.1	106.7
82.5°	163.5	135.8	131.6	127.4	131.6	135.8	163.5	190.2	215.5	238.1	236.2
80°	260.5	222.9	215.5	208.5	215.5	222.9	260.5	296.9	331.8	362.7	366.6
77.5°	382.2	330.6	315.5	301.2	315.5	330.6	382.2	431.7	478.8	516.9	515.2
75°	521.3	467.0	448.7	431.5	448.7	467.0	521.3	573.7	624.1	662.5	657.8
72.5°	719.8	686.8	653.3	616.8	653.3	686.8	719.8	751.7	783.2	805.0	798.1
70°	970.6	968.2	959.8	946.9	959.8	968.2	970.6	971.6	972.7	970.3	957.7
67.5°	1193.4	1192.4	1195.3	1195.9	1195.3	1192.4	1193.4	1190.5	1183.8	1171.7	1153.3
65°	1448.0	1450.7	1456.7	1459.4	1456.7	1450.7	1448.0	1440.1	1427.2	1412.1	1392.2
62.5°	1788.6	1803.4	1810.7	1809.8	1810.7	1803.4	1788.6	1766.7	1738.2	1704.7	1669.3
60°	2112.5	2127.8	2137.5	2139.9	2137.5	2127.8	2112.5	2089.1	2057.8	2015.7	1965.4
57.5°	2481.7	2506.9	2520.2	2522.1	2520.2	2506.9	2481.7	2446.9	2402.9	2349.2	2285.3
55°	2936.0	2969.3	2984.3	2982.6	2984.3	2969.3	2936.0	2888.3	2826.0	2747.5	2658.4
52.5°	3469.3	3509.9	3540.3	3558.8	3540.3	3509.9	3469.3	3410.1	3331.8	3231.2	3109.6
50°	4163.6	4221.8	4258.9	4274.0	4258.9	4221.8	4163.6	4078.6	3965.6	3825.7	3664.0
47.5°	5032.3	5109.5	5166.6	5206.4	5166.6	5109.5	5032.3	4918.5	4761.1	4564.8	4338.7
45°	6163.9	6281.6	6361.4	6408.1	6361.4	6281.6	6163.9	5995.9	5768.5	5486.1	5165.5
42.5°	7677.8	7860.4	7972.3	8015.2	7972.3	7860.4	7677.8	7422.0	7094.3	6688.9	6263.7
40°	9434.7	9654.1	9798.0	9897.4	9798.0	9654.1	9434.7	9121.9	8725.7	8242.3	7715.2
37.5°	11264.8	11495.2	11635.3	11730.4	11635.3	11495.2	11264.8	10924.2	10480.3	9951.2	9328.1
35°	13131.7	13372.8	13504.3	13577.8	13504.3	13372.8	13131.7	12749.0	12241.4	11644.5	10966.7
32.5°	15048.3	15314.0	15457.0	15604.8	15457.0	15314.0	15048.3	14603.4	14019.6	13349.5	12606.2
30°	17050.1	17355.1	17504.7	17576.8	17504.7	17355.1	17050.1	16518.7	15846.2	15100.2	14260.3
27.5°	19133.1	19513.3	19700.5	19823.8	19700.5	19513.3	19133.1	18512.7	17744.0	16900.8	15937.1
25°	21300.5	21771.6	21986.1	22178.0	21986.1	21771.6	21300.5	20575.7	19717.5	18749.7	17645.9
22.5°	23549.3	24135.9	24384.3	24520.6	24384.3	24135.9	23549.3	22698.2	21732.2	20630.1	19395.8
20°	25856.7	26557.7	26902.8	27080.4	26902.8	26557.7	25856.7	24889.9	23771.8	22499.4	21124.3
17.5°	28216.3	29088.2	29534.8	29637.3	29534.8	29088.2	28216.3	27126.8	25829.6	24381.9	22809.7
15°	30532.7	31475.7	32003.7	32197.1	32003.7	31475.7	30532.7	29304.3	27856.1	26211.8	24442.0
12.5°	32726.4	33703.9	34334.7	34447.0	34334.7	33703.9	32726.4	31395.7	29832.1	27933.7	25974.5
10°	34715.9	35728.5	36425.3	36584.0	36425.3	35728.5	34715.9	33246.8	31458.7	29444.9	27286.4
7.5°	36379.2	37490.2	38259.9	38393.8	38259.9	37490.2	36379.2	34812.8	32834.4	30664.3	28360.9
5°	37596.1	38915.2	39547.0	39705.6	39547.0	38915.2	37596.1	35886.0	33835.6	31553.9	29145.9
2.5°	38263.7	39606.5	40484.6	40383.2	40484.6	39606.5	38263.7	36556.7	34449.6	32083.1	29611.6
0°	38338.8	39743.2	40583.0	40971.0	40583.0	39743.2	38338.8	36699.9	34600.5	32266.6	29698.1
-2.5°	38263.7	39606.5	40484.6	40383.2	40484.6	39606.5	38263.7	36556.7	34449.6	32083.1	29611.6
-5°	37596.1	38915.2	39547.0	39705.6	39547.0	38915.2	37596.1	35886.0	33835.6	31553.9	29145.9
-7.5°	36379.2	37490.2	38259.9	38393.8	38259.9	37490.2	36379.2	34812.8	32834.4	30664.3	28360.9
-10°	34715.9	35728.5	36425.3	36584.0	36425.3	35728.5	34715.9	33246.8	31458.7	29444.9	27286.4
-12.5°	32726.4	33703.9	34334.7	34447.0	34334.7	33703.9	32726.4	31395.7	29832.1	27933.7	25974.5
-15°	30532.7	31475.7	32003.7	32197.1	32003.7	31475.7	30532.7	29304.3	27856.1	26211.8	24442.0
-17.5°	28216.3	29088.2	29534.8	29637.3	29534.8	29088.2	28216.3	27126.8	25829.6	24381.9	22809.7
-20°	25856.7	26557.7	26902.8	27080.4	26902.8	26557.7	25856.7	24889.9	23771.8	22499.4	21124.3



REPORT NUMBER: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	23549.3	24135.9	24384.3	24520.6	24384.3	24135.9	23549.3	22698.2	21732.2	20630.1	19395.8
-25°	21300.5	21771.6	21986.1	22178.0	21986.1	21771.6	21300.5	20575.7	19717.5	18749.7	17645.9
-27.5°	19133.1	19513.3	19700.5	19823.8	19700.5	19513.3	19133.1	18512.7	17744.0	16900.8	15937.1
-30°	17050.1	17355.1	17504.7	17576.8	17504.7	17355.1	17050.1	16518.7	15846.2	15100.2	14260.3
-32.5°	15048.3	15314.0	15457.0	15604.8	15457.0	15314.0	15048.3	14603.4	14019.6	13349.5	12606.2
-35°	13131.7	13372.8	13504.3	13577.8	13504.3	13372.8	13131.7	12749.0	12241.4	11644.5	10966.7
-37.5°	11264.8	11495.2	11635.3	11730.4	11635.3	11495.2	11264.8	10924.2	10480.3	9951.2	9328.1
-40°	9434.7	9654.1	9798.0	9897.4	9798.0	9654.1	9434.7	9121.9	8725.7	8242.3	7715.2
-42.5°	7677.8	7860.4	7972.3	8015.2	7972.3	7860.4	7677.8	7422.0	7094.3	6688.9	6263.7
-45°	6163.9	6281.6	6361.4	6408.1	6361.4	6281.6	6163.9	5995.9	5768.5	5486.1	5165.5
-47.5°	5032.3	5109.5	5166.6	5206.4	5166.6	5109.5	5032.3	4918.5	4761.1	4564.8	4338.7
-50°	4163.6	4221.8	4258.9	4274.0	4258.9	4221.8	4163.6	4078.6	3965.6	3825.7	3664.0
-52.5°	3469.3	3509.9	3540.3	3558.8	3540.3	3509.9	3469.3	3410.1	3331.8	3231.2	3109.6
-55°	2936.0	2969.3	2984.3	2982.6	2984.3	2969.3	2936.0	2888.3	2826.0	2747.5	2658.4
-57.5°	2481.7	2506.9	2520.2	2522.1	2520.2	2506.9	2481.7	2446.9	2402.9	2349.2	2285.3
-60°	2112.5	2127.8	2137.5	2139.9	2137.5	2127.8	2112.5	2089.1	2057.8	2015.7	1965.4
-62.5°	1788.6	1803.4	1810.7	1809.8	1810.7	1803.4	1788.6	1766.7	1738.2	1704.7	1669.3
-65°	1448.0	1450.7	1456.7	1459.4	1456.7	1450.7	1448.0	1440.1	1427.2	1412.1	1392.2
-67.5°	1193.4	1192.4	1195.3	1195.9	1195.3	1192.4	1193.4	1190.5	1183.8	1171.7	1153.3
-70°	970.6	968.2	959.8	946.9	959.8	968.2	970.6	971.6	972.7	970.3	957.7
-72.5°	719.8	686.8	653.3	616.8	653.3	686.8	719.8	751.7	783.2	805.0	798.1
-75°	521.3	467.0	448.7	431.5	448.7	467.0	521.3	573.7	624.1	662.5	657.8
-77.5°	382.2	330.6	315.5	301.2	315.5	330.6	382.2	431.7	478.8	516.9	515.2
-80°	260.5	222.9	215.5	208.5	215.5	222.9	260.5	296.9	331.8	362.7	366.6
-82.5°	163.5	135.8	131.6	127.4	131.6	135.8	163.5	190.2	215.5	238.1	236.2
-85°	75.8	63.4	62.2	60.8	62.2	63.4	75.8	87.6	98.9	109.1	106.7
-87.5°	12.9	11.6	10.1	8.7	10.1	11.6	12.9	14.3	15.6	16.8	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



REPORT NUMBER: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	17.7	18.1	18.4	19.3	20.1	20.8	21.4	20.7	20.0	19.2	18.5
85°	104.1	101.1	98.0	98.0	97.4	96.3	94.2	84.4	75.1	66.4	58.7
82.5°	233.3	229.2	223.9	216.2	208.4	200.5	191.5	171.2	151.6	132.8	117.3
80°	368.7	368.7	365.2	350.9	335.9	320.3	301.4	269.2	238.1	209.2	188.8
77.5°	512.5	509.2	502.1	483.0	463.5	443.9	419.2	377.5	335.9	295.9	270.0
75°	651.8	644.4	631.9	608.4	583.0	555.5	526.0	490.0	448.7	401.8	367.7
72.5°	789.2	778.4	761.9	737.0	708.8	679.1	647.9	612.6	572.1	526.1	491.6
70°	942.7	925.2	903.0	874.8	845.5	814.1	781.8	745.7	703.6	657.7	621.3
67.5°	1130.4	1102.8	1071.4	1038.0	1006.0	968.6	930.6	889.4	846.8	798.6	752.8
65°	1364.0	1327.0	1285.2	1249.0	1205.8	1154.8	1097.5	1047.5	998.1	943.8	883.7
62.5°	1633.0	1596.9	1539.1	1479.7	1422.0	1363.7	1294.2	1224.2	1156.7	1088.7	1018.5
60°	1908.0	1843.1	1780.4	1712.3	1638.7	1559.8	1483.6	1403.6	1320.0	1238.2	1154.3
57.5°	2211.3	2131.3	2049.3	1961.3	1867.9	1778.1	1685.4	1586.0	1491.2	1392.0	1291.7
55°	2559.4	2462.9	2358.1	2243.1	2124.5	2017.7	1904.4	1790.5	1675.4	1550.5	1439.7
52.5°	2972.4	2852.0	2717.5	2568.5	2429.2	2287.9	2140.5	2011.3	1870.6	1731.8	1593.9
50°	3498.6	3327.9	3142.8	2954.8	2782.2	2595.6	2422.4	2252.5	2082.1	1921.5	1761.0
47.5°	4128.9	3903.0	3650.0	3416.6	3187.7	2956.6	2743.4	2518.6	2323.3	2121.1	1942.6
45°	4895.2	4594.3	4269.2	3972.9	3651.3	3372.1	3100.3	2841.8	2585.1	2356.7	2128.9
42.5°	5874.8	5436.3	5023.6	4630.5	4225.3	3858.2	3496.2	3189.9	2888.6	2605.9	2349.1
40°	7134.7	6496.0	5965.9	5401.7	4911.2	4419.6	3986.8	3562.3	3220.1	2885.1	2571.8
37.5°	8622.3	7874.6	7117.8	6345.6	5706.9	5089.2	4532.0	4032.3	3566.7	3185.9	2824.4
35°	10195.3	9350.8	8444.4	7539.7	6607.2	5859.1	5151.1	4535.3	3992.0	3500.9	3084.3
32.5°	11764.8	10837.7	9839.7	8807.7	7760.1	6712.8	5863.1	5100.3	4420.6	3861.3	3368.4
30°	13333.5	12316.0	11222.9	10095.8	8946.5	7771.1	6611.6	5720.6	4922.7	4221.1	3654.1
27.5°	14907.5	13804.7	12608.4	11368.4	10129.5	8847.8	7562.9	6360.6	5428.6	4635.8	3967.7
25°	16483.0	15250.0	13965.5	12615.8	11264.9	9902.5	8483.0	7142.6	5996.0	5050.6	4256.8
22.5°	18063.5	16679.0	15247.0	13797.2	12344.6	10888.7	9403.0	7908.7	6533.5	5472.6	4595.0
20°	19625.0	18070.0	16502.6	14931.0	13365.1	11808.2	10255.0	8659.9	7165.4	5909.4	4910.8
17.5°	21129.0	19401.7	17700.0	15996.3	14321.4	12670.7	11018.9	9353.0	7729.7	6298.3	5189.6
15°	22561.5	20676.7	18828.5	16999.1	15191.8	13419.0	11695.4	9961.6	8242.9	6703.9	5495.3
12.5°	23913.2	21856.2	19842.8	17857.2	15936.8	14078.7	12286.8	10495.9	8726.2	7099.0	5767.8
10°	25067.5	22860.7	20693.7	18599.8	16581.9	14639.9	12774.8	10948.0	9140.5	7427.8	5990.7
7.5°	26006.2	23668.5	21383.4	19186.5	17087.8	15086.6	13151.7	11294.8	9468.6	7684.7	6162.7
5°	26692.1	24262.4	21894.4	19621.3	17438.2	15411.8	13417.6	11532.0	9706.3	7867.5	6283.0
2.5°	27117.4	24621.8	22198.3	19885.4	17642.2	15607.1	13572.0	11675.4	9842.0	7968.0	6358.5
0°	27196.2	24789.9	22293.9	19913.6	17759.2	15665.6	13612.6	11727.5	9877.2	7989.2	6382.1
-2.5°	27117.4	24621.8	22198.3	19885.4	17642.2	15607.1	13572.0	11675.4	9842.0	7968.0	6358.5
-5°	26692.1	24262.4	21894.4	19621.3	17438.2	15411.8	13417.6	11532.0	9706.3	7867.5	6283.0
-7.5°	26006.2	23668.5	21383.4	19186.5	17087.8	15086.6	13151.7	11294.8	9468.6	7684.7	6162.7
-10°	25067.5	22860.7	20693.7	18599.8	16581.9	14639.9	12774.8	10948.0	9140.5	7427.8	5990.7
-12.5°	23913.2	21856.2	19842.8	17857.2	15936.8	14078.7	12286.8	10495.9	8726.2	7099.0	5767.8
-15°	22561.5	20676.7	18828.5	16999.1	15191.8	13419.0	11695.4	9961.6	8242.9	6703.9	5495.3
-17.5°	21129.0	19401.7	17700.0	15996.3	14321.4	12670.7	11018.9	9353.0	7729.7	6298.3	5189.6
-20°	19625.0	18070.0	16502.6	14931.0	13365.1	11808.2	10255.0	8659.9	7165.4	5909.4	4910.8



REPORT NUMBER: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	18063.5	16679.0	15247.0	13797.2	12344.6	10888.7	9403.0	7908.7	6533.5	5472.6	4595.0
-25°	16483.0	15250.0	13965.5	12615.8	11264.9	9902.5	8483.0	7142.6	5996.0	5050.6	4256.8
-27.5°	14907.5	13804.7	12608.4	11368.4	10129.5	8847.8	7562.9	6360.6	5428.6	4635.8	3967.7
-30°	13333.5	12316.0	11222.9	10095.8	8946.5	7771.1	6611.6	5720.6	4922.7	4221.1	3654.1
-32.5°	11764.8	10837.7	9839.7	8807.7	7760.1	6712.8	5863.1	5100.3	4420.6	3861.3	3368.4
-35°	10195.3	9350.8	8444.4	7539.7	6607.2	5859.1	5151.1	4535.3	3992.0	3500.9	3084.3
-37.5°	8622.3	7874.6	7117.8	6345.6	5706.9	5089.2	4532.0	4032.3	3566.7	3185.9	2824.4
-40°	7134.7	6496.0	5965.9	5401.7	4911.2	4419.6	3986.8	3562.3	3220.1	2885.1	2571.8
-42.5°	5874.8	5436.3	5023.6	4630.5	4225.3	3858.2	3496.2	3189.9	2888.6	2605.9	2349.1
-45°	4895.2	4594.3	4269.2	3972.9	3651.3	3372.1	3100.3	2841.8	2585.1	2356.7	2128.9
-47.5°	4128.9	3903.0	3650.0	3416.6	3187.7	2956.6	2743.4	2518.6	2323.3	2121.1	1942.6
-50°	3498.6	3327.9	3142.8	2954.8	2782.2	2595.6	2422.4	2252.5	2082.1	1921.5	1761.0
-52.5°	2972.4	2852.0	2717.5	2568.5	2429.2	2287.9	2140.5	2011.3	1870.6	1731.8	1593.9
-55°	2559.4	2462.9	2358.1	2243.1	2124.5	2017.7	1904.4	1790.5	1675.4	1550.5	1439.7
-57.5°	2211.3	2131.3	2049.3	1961.3	1867.9	1778.1	1685.4	1586.0	1491.2	1392.0	1291.7
-60°	1908.0	1843.1	1780.4	1712.3	1638.7	1559.8	1483.6	1403.6	1320.0	1238.2	1154.3
-62.5°	1633.0	1596.9	1539.1	1479.7	1422.0	1363.7	1294.2	1224.2	1156.7	1088.7	1018.5
-65°	1364.0	1327.0	1285.2	1249.0	1205.8	1154.8	1097.5	1047.5	998.1	943.8	883.7
-67.5°	1130.4	1102.8	1071.4	1038.0	1006.0	968.6	930.6	889.4	846.8	798.6	752.8
-70°	942.7	925.2	903.0	874.8	845.5	814.1	781.8	745.7	703.6	657.7	621.3
-72.5°	789.2	778.4	761.9	737.0	708.8	679.1	647.9	612.6	572.1	526.1	491.6
-75°	651.8	644.4	631.9	608.4	583.0	555.5	526.0	490.0	448.7	401.8	367.7
-77.5°	512.5	509.2	502.1	483.0	463.5	443.9	419.2	377.5	335.9	295.9	270.0
-80°	368.7	368.7	365.2	350.9	335.9	320.3	301.4	269.2	238.1	209.2	188.8
-82.5°	233.3	229.2	223.9	216.2	208.4	200.5	191.5	171.2	151.6	132.8	117.3
-85°	104.1	101.1	98.0	98.0	97.4	96.3	94.2	84.4	75.1	66.4	58.7
-87.5°	17.7	18.1	18.4	19.3	20.1	20.8	21.4	20.7	20.0	19.2	18.5
-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: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	20.6	22.4	23.8	24.9	25.7	26.1	26.1	25.7	24.7	23.3	21.6
85°	61.4	62.7	62.4	60.5	56.5	52.2	52.2	51.4	49.3	46.6	43.1
82.5°	121.9	125.8	127.8	127.0	119.1	110.8	101.9	92.6	82.6	71.3	64.7
80°	195.9	200.2	201.7	198.4	184.3	169.3	156.2	142.8	129.6	114.7	98.1
77.5°	275.7	279.0	279.8	274.6	256.8	237.6	216.8	195.2	176.7	158.2	137.5
75°	361.5	362.6	361.9	352.5	330.7	305.8	280.8	253.8	226.7	201.6	176.7
72.5°	473.0	457.8	446.4	431.4	407.3	379.3	347.4	311.5	277.3	245.2	215.3
70°	589.6	557.4	532.5	509.5	482.8	453.3	417.8	372.7	326.9	288.0	251.6
67.5°	711.2	671.3	631.3	589.4	556.6	523.3	487.4	433.2	378.3	329.9	287.3
65°	829.7	780.5	735.1	680.7	633.1	592.4	551.8	490.5	427.8	371.4	322.1
62.5°	949.1	883.1	826.2	767.2	709.8	659.4	613.6	543.7	475.2	411.1	355.1
60°	1071.7	994.3	916.9	848.9	783.9	722.8	665.8	595.4	521.1	449.0	386.4
57.5°	1198.8	1105.9	1017.4	932.6	857.0	786.5	716.0	643.0	565.5	487.3	414.6
55°	1327.0	1222.1	1118.1	1021.0	931.3	851.2	768.1	688.5	608.0	524.9	437.0
52.5°	1464.6	1341.6	1224.4	1110.9	1008.4	914.2	823.8	733.0	648.5	560.9	461.5
50°	1610.3	1468.3	1334.4	1207.5	1084.8	979.9	878.1	781.9	688.0	595.6	484.4
47.5°	1763.5	1602.7	1450.2	1304.9	1171.6	1043.5	934.8	829.8	726.4	629.9	505.3
45°	1932.2	1740.9	1569.2	1409.6	1254.8	1115.8	990.8	876.2	768.0	654.5	524.1
42.5°	2101.7	1890.0	1692.7	1511.0	1345.6	1188.8	1044.6	924.2	808.1	677.0	542.5
40°	2297.2	2042.5	1816.9	1620.1	1435.1	1258.5	1106.4	970.6	845.3	699.3	560.4
37.5°	2487.8	2206.6	1952.5	1724.1	1523.3	1337.1	1166.2	1014.6	874.7	723.7	576.6
35°	2712.3	2375.9	2081.6	1834.2	1614.3	1411.9	1222.5	1059.7	907.0	747.1	591.0
32.5°	2930.5	2548.5	2226.9	1946.8	1700.1	1482.8	1282.1	1105.8	939.9	769.4	603.7
30°	3170.2	2736.0	2363.9	2052.3	1785.4	1555.7	1342.2	1149.3	973.0	790.4	615.9
27.5°	3400.4	2909.0	2497.2	2164.1	1875.5	1623.9	1397.8	1190.0	1006.3	812.3	631.2
25°	3628.6	3095.8	2644.1	2270.6	1958.2	1685.9	1448.9	1228.0	1038.9	836.9	644.9
22.5°	3876.2	3276.6	2776.4	2366.3	2033.1	1742.5	1497.5	1269.6	1068.8	860.3	656.9
20°	4103.9	3439.7	2894.7	2458.0	2107.4	1803.6	1543.2	1306.8	1095.7	882.4	667.1
17.5°	4318.6	3605.6	3026.6	2557.0	2177.7	1857.5	1583.3	1339.5	1119.4	902.7	675.3
15°	4544.0	3770.4	3145.3	2642.7	2238.5	1904.0	1617.8	1367.6	1139.9	920.9	683.0
12.5°	4736.4	3909.8	3245.0	2714.9	2289.6	1942.9	1646.6	1391.0	1156.9	936.4	690.0
10°	4895.0	4023.0	3325.4	2773.1	2330.8	1974.1	1669.4	1410.0	1171.2	948.4	693.9
7.5°	5018.5	4109.5	3386.3	2817.3	2362.3	1998.5	1688.5	1424.7	1182.2	956.9	694.7
5°	5104.9	4169.8	3430.9	2848.2	2386.3	2016.0	1702.1	1434.5	1189.6	961.5	692.7
2.5°	5150.1	4203.9	3458.3	2864.7	2400.0	2025.5	1709.7	1439.4	1193.3	962.1	687.9
0°	5157.2	4210.3	3466.1	2866.7	2403.4	2027.0	1711.3	1439.2	1193.0	958.5	680.5
-2.5°	5150.1	4203.9	3458.3	2864.7	2400.0	2025.5	1709.7	1439.4	1193.3	962.1	687.9
-5°	5104.9	4169.8	3430.9	2848.2	2386.3	2016.0	1702.1	1434.5	1189.6	961.5	692.7
-7.5°	5018.5	4109.5	3386.3	2817.3	2362.3	1998.5	1688.5	1424.7	1182.2	956.9	694.7
-10°	4895.0	4023.0	3325.4	2773.1	2330.8	1974.1	1669.4	1410.0	1171.2	948.4	693.9
-12.5°	4736.4	3909.8	3245.0	2714.9	2289.6	1942.9	1646.6	1391.0	1156.9	936.4	690.0
-15°	4544.0	3770.4	3145.3	2642.7	2238.5	1904.0	1617.8	1367.6	1139.9	920.9	683.0
-17.5°	4318.6	3605.6	3026.6	2557.0	2177.7	1857.5	1583.3	1339.5	1119.4	902.7	675.3
-20°	4103.9	3439.7	2894.7	2458.0	2107.4	1803.6	1543.2	1306.8	1095.7	882.4	667.1

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



REPORT NUMBER: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	3876.2	3276.6	2776.4	2366.3	2033.1	1742.5	1497.5	1269.6	1068.8	860.3	656.9
-25°	3628.6	3095.8	2644.1	2270.6	1958.2	1685.9	1448.9	1228.0	1038.9	836.9	644.9
-27.5°	3400.4	2909.0	2497.2	2164.1	1875.5	1623.9	1397.8	1190.0	1006.3	812.3	631.2
-30°	3170.2	2736.0	2363.9	2052.3	1785.4	1555.7	1342.2	1149.3	973.0	790.4	615.9
-32.5°	2930.5	2548.5	2226.9	1946.8	1700.1	1482.8	1282.1	1105.8	939.9	769.4	603.7
-35°	2712.3	2375.9	2081.6	1834.2	1614.3	1411.9	1222.5	1059.7	907.0	747.1	591.0
-37.5°	2487.8	2206.6	1952.5	1724.1	1523.3	1337.1	1166.2	1014.6	874.7	723.7	576.6
-40°	2297.2	2042.5	1816.9	1620.1	1435.1	1258.5	1106.4	970.6	845.3	699.3	560.4
-42.5°	2101.7	1890.0	1692.7	1511.0	1345.6	1188.8	1044.6	924.2	808.1	677.0	542.5
-45°	1932.2	1740.9	1569.2	1409.6	1254.8	1115.8	990.8	876.2	768.0	654.5	524.1
-47.5°	1763.5	1602.7	1450.2	1304.9	1171.6	1043.5	934.8	829.8	726.4	629.9	505.3
-50°	1610.3	1468.3	1334.4	1207.5	1084.8	979.9	878.1	781.9	688.0	595.6	484.4
-52.5°	1464.6	1341.6	1224.4	1110.9	1008.4	914.2	823.8	733.0	648.5	560.9	461.5
-55°	1327.0	1222.1	1118.1	1021.0	931.3	851.2	768.1	688.5	608.0	524.9	437.0
-57.5°	1198.8	1105.9	1017.4	932.6	857.0	786.5	716.0	643.0	565.5	487.3	414.6
-60°	1071.7	994.3	916.9	848.9	783.9	722.8	665.8	595.4	521.1	449.0	386.4
-62.5°	949.1	883.1	826.2	767.2	709.8	659.4	613.6	543.7	475.2	411.1	355.1
-65°	829.7	780.5	735.1	680.7	633.1	592.4	551.8	490.5	427.8	371.4	322.1
-67.5°	711.2	671.3	631.3	589.4	556.6	523.3	487.4	433.2	378.3	329.9	287.3
-70°	589.6	557.4	532.5	509.5	482.8	453.3	417.8	372.7	326.9	288.0	251.6
-72.5°	473.0	457.8	446.4	431.4	407.3	379.3	347.4	311.5	277.3	245.2	215.3
-75°	361.5	362.6	361.9	352.5	330.7	305.8	280.8	253.8	226.7	201.6	176.7
-77.5°	275.7	279.0	279.8	274.6	256.8	237.6	216.8	195.2	176.7	158.2	137.5
-80°	195.9	200.2	201.7	198.4	184.3	169.3	156.2	142.8	129.6	114.7	98.1
-82.5°	121.9	125.8	127.8	127.0	119.1	110.8	101.9	92.6	82.6	71.3	64.7
-85°	61.4	62.7	62.4	60.5	56.5	52.2	52.2	51.4	49.3	46.6	43.1
-87.5°	20.6	22.4	23.8	24.9	25.7	26.1	26.1	25.7	24.7	23.3	21.6
-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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Scaled Data Report



REPORT NUMBER: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	19.5	15.2	11.3	7.8	4.8	2.1	0.0
85°	38.9	30.3	22.6	15.6	9.6	4.2	0.0
82.5°	58.1	45.3	33.8	23.4	14.3	6.2	0.0
80°	78.9	60.2	44.8	31.1	19.0	8.3	0.0
77.5°	112.7	78.3	55.7	38.7	23.6	10.3	0.0
75°	145.5	102.3	67.5	46.1	28.2	12.3	0.0
72.5°	177.2	125.7	83.6	53.4	32.6	14.3	0.0
70°	207.3	148.1	99.1	61.1	37.0	16.2	0.0
67.5°	233.5	169.5	114.0	70.6	41.2	18.1	0.0
65°	258.3	189.1	128.2	79.6	45.3	19.9	0.0
62.5°	281.8	207.1	141.5	88.2	49.2	21.7	0.0
60°	303.7	224.0	154.0	96.3	53.0	23.4	0.0
57.5°	323.6	239.7	165.6	103.9	57.6	25.0	0.0
55°	341.9	254.2	176.3	110.9	62.0	26.6	0.0
52.5°	358.7	267.5	186.2	117.3	66.3	28.2	0.0
50°	373.9	279.7	195.2	123.0	70.4	29.6	0.0
47.5°	388.1	290.7	203.3	128.3	74.3	31.0	0.0
45°	404.0	300.4	210.4	133.5	77.9	32.3	0.0
42.5°	418.1	308.8	216.5	138.2	81.4	33.5	0.0
40°	430.6	316.0	222.0	143.2	84.7	34.6	0.0
37.5°	441.2	321.8	226.9	148.4	87.7	35.6	0.0
35°	450.0	328.4	230.9	153.1	90.5	36.6	0.0
32.5°	458.1	334.7	234.0	157.5	93.1	37.4	0.0
30°	467.1	339.5	236.1	161.3	95.4	38.2	0.0
27.5°	474.5	342.9	241.1	164.8	97.5	38.9	0.0
25°	480.2	345.0	246.0	167.8	99.4	39.5	0.0
22.5°	484.3	347.7	250.3	170.4	101.0	40.0	0.0
20°	486.6	354.0	253.9	172.5	102.3	40.4	0.0
17.5°	492.1	359.2	257.0	174.2	103.5	40.7	0.0
15°	498.6	363.3	259.5	175.4	104.3	40.9	0.0
12.5°	503.4	366.3	261.3	176.2	104.9	41.1	0.0
10°	506.4	368.1	262.4	176.5	105.3	41.1	0.0
7.5°	507.6	368.9	263.0	176.4	105.4	41.1	0.0
5°	507.0	368.6	262.8	175.9	105.2	41.0	0.0
2.5°	504.8	367.3	262.1	175.0	104.8	40.8	0.0
0°	501.0	364.9	260.6	173.7	104.2	40.5	0.0
-2.5°	504.8	367.3	262.1	175.0	104.8	40.8	0.0
-5°	507.0	368.6	262.8	175.9	105.2	41.0	0.0
-7.5°	507.6	368.9	263.0	176.4	105.4	41.1	0.0
-10°	506.4	368.1	262.4	176.5	105.3	41.1	0.0
-12.5°	503.4	366.3	261.3	176.2	104.9	41.1	0.0
-15°	498.6	363.3	259.5	175.4	104.3	40.9	0.0
-17.5°	492.1	359.2	257.0	174.2	103.5	40.7	0.0
-20°	486.6	354.0	253.9	172.5	102.3	40.4	0.0

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REPORT NUMBER: P627933 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	484.3	347.7	250.3	170.4	101.0	40.0	0.0
-25°	480.2	345.0	246.0	167.8	99.4	39.5	0.0
-27.5°	474.5	342.9	241.1	164.8	97.5	38.9	0.0
-30°	467.1	339.5	236.1	161.3	95.4	38.2	0.0
-32.5°	458.1	334.7	234.0	157.5	93.1	37.4	0.0
-35°	450.0	328.4	230.9	153.1	90.5	36.6	0.0
-37.5°	441.2	321.8	226.9	148.4	87.7	35.6	0.0
-40°	430.6	316.0	222.0	143.2	84.7	34.6	0.0
-42.5°	418.1	308.8	216.5	138.2	81.4	33.5	0.0
-45°	404.0	300.4	210.4	133.5	77.9	32.3	0.0
-47.5°	388.1	290.7	203.3	128.3	74.3	31.0	0.0
-50°	373.9	279.7	195.2	123.0	70.4	29.6	0.0
-52.5°	358.7	267.5	186.2	117.3	66.3	28.2	0.0
-55°	341.9	254.2	176.3	110.9	62.0	26.6	0.0
-57.5°	323.6	239.7	165.6	103.9	57.6	25.0	0.0
-60°	303.7	224.0	154.0	96.3	53.0	23.4	0.0
-62.5°	281.8	207.1	141.5	88.2	49.2	21.7	0.0
-65°	258.3	189.1	128.2	79.6	45.3	19.9	0.0
-67.5°	233.5	169.5	114.0	70.6	41.2	18.1	0.0
-70°	207.3	148.1	99.1	61.1	37.0	16.2	0.0
-72.5°	177.2	125.7	83.6	53.4	32.6	14.3	0.0
-75°	145.5	102.3	67.5	46.1	28.2	12.3	0.0
-77.5°	112.7	78.3	55.7	38.7	23.6	10.3	0.0
-80°	78.9	60.2	44.8	31.1	19.0	8.3	0.0
-82.5°	58.1	45.3	33.8	23.4	14.3	6.2	0.0
-85°	38.9	30.3	22.6	15.6	9.6	4.2	0.0
-87.5°	19.5	15.2	11.3	7.8	4.8	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)