

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: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627713 (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-SA5D-740-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N126
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

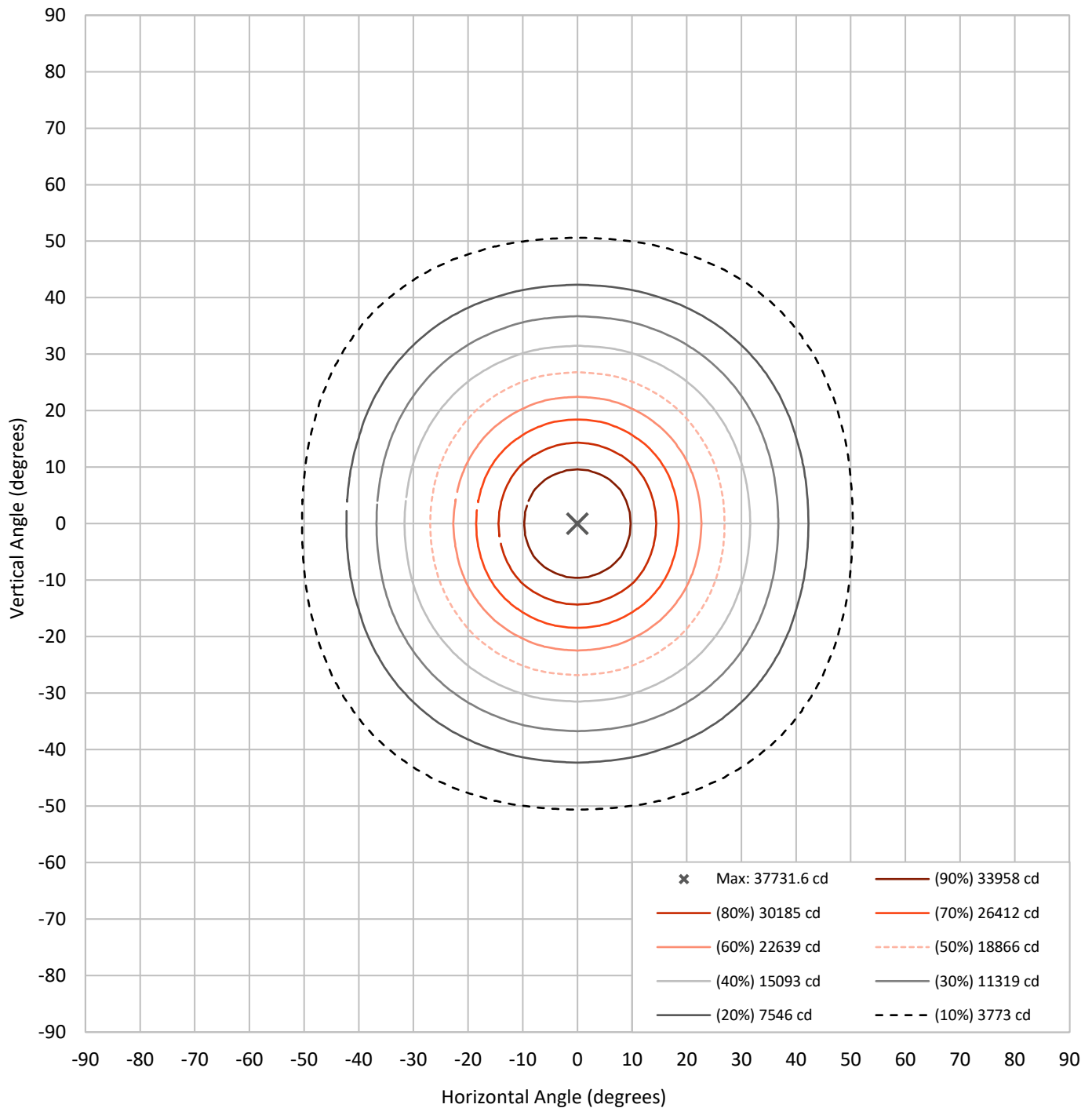
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	38401.9 lumens	Max Intensity:	37731.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	141.5 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:	18361.5 lumens	Field Lumens:	33891 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	271.3		
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





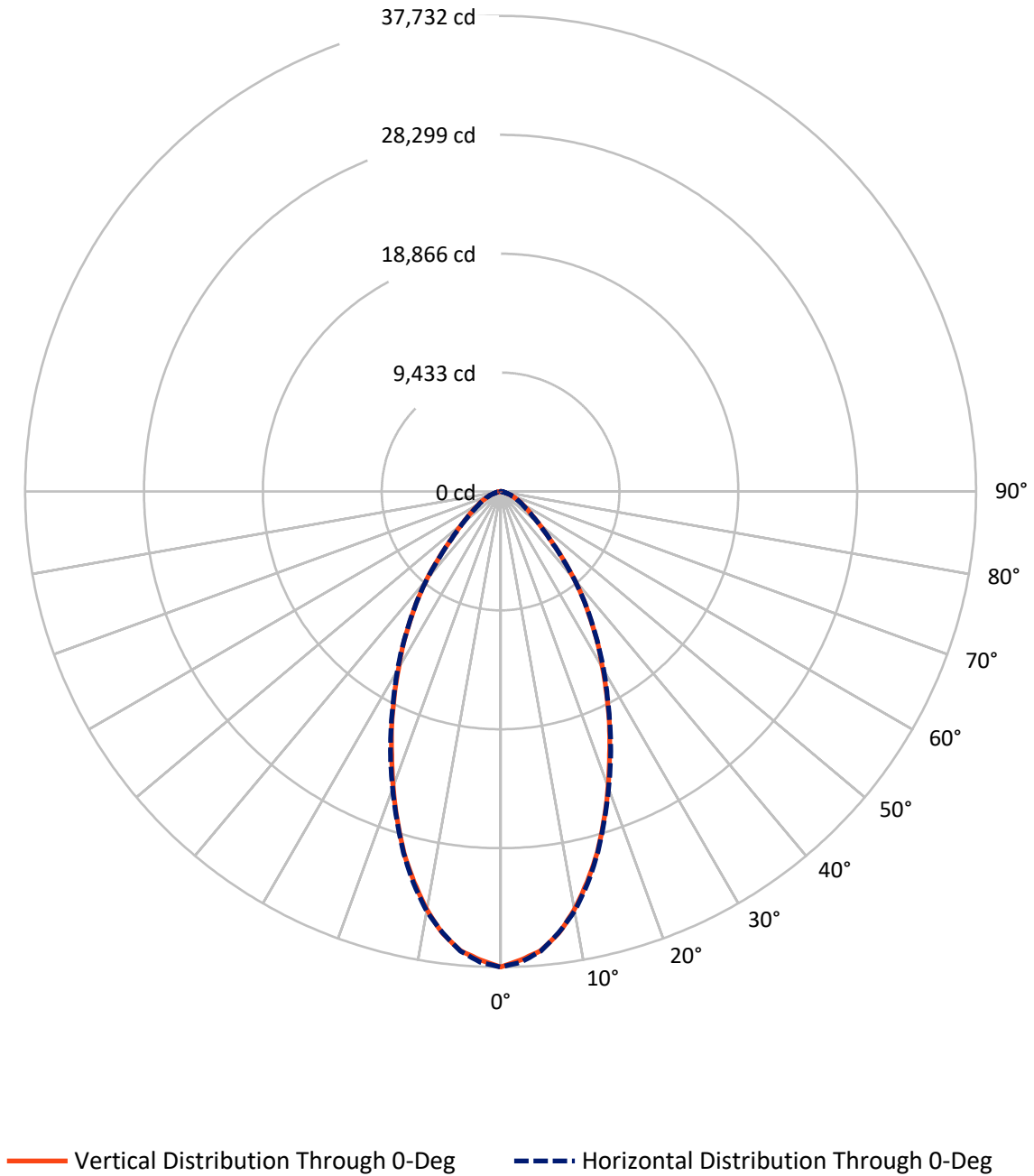
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Lumen Table

90																			
80	1.5	10.6		24.1		40.2		34.4		40.2		24.1		10.6		1.5			
70																			
60	5.0	5.8	11.0	17.6	25.6	33.2	39.0	41.8	41.8	39.0	33.2	25.6	17.6	11.0	5.8	5.0			
50		8.3	16.7	28.8	44.2	60.8	75.9	84.6	84.6	75.9	60.8	44.2	28.8	16.7	8.3				
40	7.3	10.6	23.0	43.0	72.5	111.5	153.7	181.8	181.8	153.7	111.5	72.5	43.0	23.0	10.6	7.3			
30		12.9	30.2	62.5	121.7	216.1	314.0	372.5	372.5	314.0	216.1	121.7	62.5	30.2	12.9				
20	8.7	15.0	37.6	87.5	196.8	353.7	506.1	605.0	605.0	506.1	353.7	196.8	87.5	37.6	15.0	8.7			
10		16.7	44.1	113.5	268.5	477.6	705.1	867.5	867.5	705.1	477.6	268.5	113.5	44.1	16.7				
0	9.1	17.5	47.7	130.4	309.2	555.3	844.9	1062.6	1062.6	844.9	555.3	309.2	130.4	47.7	17.5	9.1			
-10		17.5	47.7	130.4	309.2	555.3	844.9	1062.6	1062.6	844.9	555.3	309.2	130.4	47.7	17.5				
-20	8.7	16.7	44.1	113.5	268.5	477.6	705.1	867.5	867.5	705.1	477.6	268.5	113.5	44.1	16.7	8.7			
-30		15.0	37.6	87.5	196.8	353.7	506.1	605.0	605.0	506.1	353.7	196.8	87.5	37.6	15.0				
-40	7.3	12.9	30.2	62.5	121.7	216.1	314.0	372.5	372.5	314.0	216.1	121.7	62.5	30.2	12.9	7.3			
-50		10.6	23.0	43.0	72.5	111.5	153.7	181.8	181.8	153.7	111.5	72.5	43.0	23.0	10.6				
-60	5.0	8.3	16.7	28.8	44.2	60.8	75.9	84.6	84.6	75.9	60.8	44.2	28.8	16.7	8.3	5.0			
-70		5.8	11.0	17.6	25.6	33.2	39.0	41.8	41.8	39.0	33.2	25.6	17.6	11.0	5.8				
-80	1.5	10.6		24.1		40.2		34.4		40.2		24.1		10.6		1.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

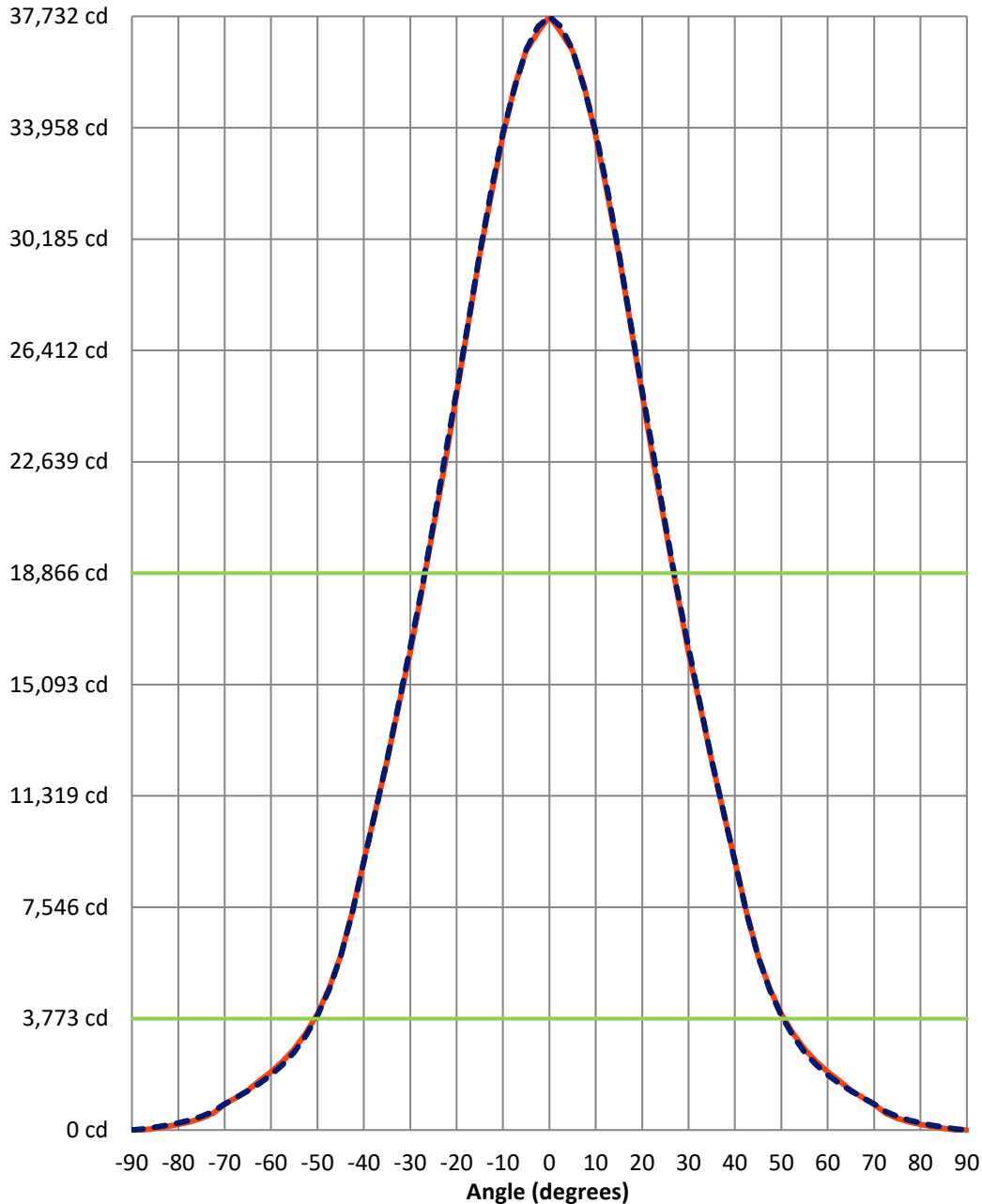
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 18361.5
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 33891
 Efficiency: 88.3%

Spill:
 Lumens: 4510.9
 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	1.9	4.4	7.2	10.4	14.0	17.9	19.8	21.4	22.7	23.7
85°	0.0	3.8	8.8	14.4	20.8	27.9	35.8	39.7	42.9	45.4	47.4
82.5°	0.0	5.7	13.2	21.6	31.1	41.7	53.5	59.5	65.6	76.1	85.3
80°	0.0	7.6	17.5	28.6	41.3	55.4	72.7	90.3	105.7	119.4	131.5
77.5°	0.0	9.5	21.8	35.6	51.3	72.1	103.7	126.6	145.6	162.7	179.7
75°	0.0	11.3	26.0	42.5	62.1	94.2	134.0	162.8	185.6	208.8	233.7
72.5°	0.0	13.1	30.1	49.2	77.0	115.7	163.2	198.3	225.8	255.3	286.8
70°	0.0	14.9	34.1	56.3	91.3	136.4	190.9	231.8	265.2	301.1	343.3
67.5°	0.0	16.6	38.0	65.0	105.0	156.1	215.0	264.6	303.9	348.4	399.0
65°	0.0	18.3	41.8	73.4	118.1	174.2	237.9	296.6	342.0	394.0	451.7
62.5°	0.0	20.0	45.4	81.3	130.3	190.7	259.5	327.0	378.6	437.6	500.7
60°	0.0	21.5	48.9	88.7	141.8	206.3	279.7	355.8	413.5	479.9	548.3
57.5°	0.0	23.1	53.1	95.7	152.5	220.8	298.0	381.8	448.8	520.7	592.2
55°	0.0	24.5	57.2	102.1	162.4	234.1	314.9	402.4	483.4	559.9	634.1
52.5°	0.0	25.9	61.1	108.0	171.5	246.3	330.4	425.0	516.5	597.2	675.1
50°	0.0	27.3	64.9	113.3	179.8	257.6	344.4	446.1	548.5	633.6	720.1
47.5°	0.0	28.5	68.4	118.2	187.2	267.7	357.4	465.4	580.1	669.0	764.2
45°	0.0	29.7	71.8	123.0	193.7	276.6	372.0	482.7	602.8	707.3	806.9
42.5°	0.0	30.8	75.0	127.2	199.3	284.4	385.1	499.7	623.5	744.2	851.2
40°	0.0	31.9	78.0	131.9	204.4	291.0	396.5	516.1	644.0	778.5	893.9
37.5°	0.0	32.8	80.8	136.7	208.9	296.4	406.3	531.0	666.5	805.6	934.5
35°	0.0	33.7	83.4	141.0	212.6	302.4	414.4	544.3	688.0	835.4	976.0
32.5°	0.0	34.5	85.8	145.0	215.4	308.2	421.9	555.9	708.5	865.6	1018.5
30°	0.0	35.2	87.9	148.6	217.4	312.7	430.2	567.2	727.9	896.1	1058.5
27.5°	0.0	35.8	89.8	151.8	222.0	315.8	437.0	581.3	748.1	926.7	1095.9
25°	0.0	36.4	91.5	154.5	226.5	317.7	442.2	593.9	770.7	956.8	1131.0
22.5°	0.0	36.8	93.0	156.9	230.5	320.2	446.0	604.9	792.3	984.3	1169.2
20°	0.0	37.2	94.3	158.8	233.9	326.0	448.1	614.3	812.6	1009.1	1203.5
17.5°	0.0	37.5	95.3	160.4	236.7	330.8	453.1	621.8	831.3	1031.0	1233.6
15°	0.0	37.7	96.1	161.5	238.9	334.6	459.2	629.0	848.1	1049.8	1259.5
12.5°	0.0	37.8	96.7	162.3	240.6	337.3	463.5	635.4	862.3	1065.5	1281.0
10°	0.0	37.9	97.0	162.6	241.7	339.0	466.3	639.0	873.4	1078.6	1298.5
7.5°	0.0	37.8	97.1	162.5	242.2	339.7	467.4	639.8	881.2	1088.7	1312.1
5°	0.0	37.7	96.9	162.1	242.1	339.4	466.9	637.9	885.5	1095.6	1321.1
2.5°	0.0	37.6	96.6	161.2	241.3	338.2	464.8	633.5	886.0	1099.0	1325.6
0°	0.0	37.3	96.0	160.0	240.0	336.0	461.3	626.7	882.7	1098.7	1325.4
-2.5°	0.0	37.6	96.6	161.2	241.3	338.2	464.8	633.5	886.0	1099.0	1325.6
-5°	0.0	37.7	96.9	162.1	242.1	339.4	466.9	637.9	885.5	1095.6	1321.1
-7.5°	0.0	37.8	97.1	162.5	242.2	339.7	467.4	639.8	881.2	1088.7	1312.1
-10°	0.0	37.9	97.0	162.6	241.7	339.0	466.3	639.0	873.4	1078.6	1298.5
-12.5°	0.0	37.8	96.7	162.3	240.6	337.3	463.5	635.4	862.3	1065.5	1281.0
-15°	0.0	37.7	96.1	161.5	238.9	334.6	459.2	629.0	848.1	1049.8	1259.5
-17.5°	0.0	37.5	95.3	160.4	236.7	330.8	453.1	621.8	831.3	1031.0	1233.6
-20°	0.0	37.2	94.3	158.8	233.9	326.0	448.1	614.3	812.6	1009.1	1203.5

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5D-740-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	36.8	93.0	156.9	230.5	320.2	446.0	604.9	792.3	984.3	1169.2
-25°	0.0	36.4	91.5	154.5	226.5	317.7	442.2	593.9	770.7	956.8	1131.0
-27.5°	0.0	35.8	89.8	151.8	222.0	315.8	437.0	581.3	748.1	926.7	1095.9
-30°	0.0	35.2	87.9	148.6	217.4	312.7	430.2	567.2	727.9	896.1	1058.5
-32.5°	0.0	34.5	85.8	145.0	215.4	308.2	421.9	555.9	708.5	865.6	1018.5
-35°	0.0	33.7	83.4	141.0	212.6	302.4	414.4	544.3	688.0	835.4	976.0
-37.5°	0.0	32.8	80.8	136.7	208.9	296.4	406.3	531.0	666.5	805.6	934.5
-40°	0.0	31.9	78.0	131.9	204.4	291.0	396.5	516.1	644.0	778.5	893.9
-42.5°	0.0	30.8	75.0	127.2	199.3	284.4	385.1	499.7	623.5	744.2	851.2
-45°	0.0	29.7	71.8	123.0	193.7	276.6	372.0	482.7	602.8	707.3	806.9
-47.5°	0.0	28.5	68.4	118.2	187.2	267.7	357.4	465.4	580.1	669.0	764.2
-50°	0.0	27.3	64.9	113.3	179.8	257.6	344.4	446.1	548.5	633.6	720.1
-52.5°	0.0	25.9	61.1	108.0	171.5	246.3	330.4	425.0	516.5	597.2	675.1
-55°	0.0	24.5	57.2	102.1	162.4	234.1	314.9	402.4	483.4	559.9	634.1
-57.5°	0.0	23.1	53.1	95.7	152.5	220.8	298.0	381.8	448.8	520.7	592.2
-60°	0.0	21.5	48.9	88.7	141.8	206.3	279.7	355.8	413.5	479.9	548.3
-62.5°	0.0	20.0	45.4	81.3	130.3	190.7	259.5	327.0	378.6	437.6	500.7
-65°	0.0	18.3	41.8	73.4	118.1	174.2	237.9	296.6	342.0	394.0	451.7
-67.5°	0.0	16.6	38.0	65.0	105.0	156.1	215.0	264.6	303.9	348.4	399.0
-70°	0.0	14.9	34.1	56.3	91.3	136.4	190.9	231.8	265.2	301.1	343.3
-72.5°	0.0	13.1	30.1	49.2	77.0	115.7	163.2	198.3	225.8	255.3	286.8
-75°	0.0	11.3	26.0	42.5	62.1	94.2	134.0	162.8	185.6	208.8	233.7
-77.5°	0.0	9.5	21.8	35.6	51.3	72.1	103.7	126.6	145.6	162.7	179.7
-80°	0.0	7.6	17.5	28.6	41.3	55.4	72.7	90.3	105.7	119.4	131.5
-82.5°	0.0	5.7	13.2	21.6	31.1	41.7	53.5	59.5	65.6	76.1	85.3
-85°	0.0	3.8	8.8	14.4	20.8	27.9	35.8	39.7	42.9	45.4	47.4
-87.5°	0.0	1.9	4.4	7.2	10.4	14.0	17.9	19.8	21.4	22.7	23.7
-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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CATALOG NUMBER: GFLD-SA5D-740-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°	24.0	24.0	23.7	23.0	21.9	20.6	18.9	17.0	17.7	18.4	19.0
85°	48.1	48.1	52.1	55.8	57.5	57.7	56.6	54.1	61.1	69.2	77.8
82.5°	93.9	102.0	109.7	117.0	117.7	115.8	112.3	108.1	122.4	139.6	157.7
80°	143.9	155.9	169.8	182.7	185.7	184.4	180.4	173.9	192.7	219.3	248.0
77.5°	199.7	218.8	236.5	252.9	257.6	256.9	253.9	248.6	272.5	309.4	347.7
75°	258.6	281.6	304.5	324.6	333.2	333.9	332.9	338.6	370.0	413.2	451.2
72.5°	319.9	349.3	375.1	397.3	411.1	421.6	435.6	452.7	484.5	526.8	564.1
70°	384.8	417.4	444.7	469.2	490.3	513.3	542.9	572.2	605.6	647.9	686.7
67.5°	448.9	481.9	512.6	542.8	581.3	618.2	655.0	693.2	735.4	779.8	819.1
65°	508.2	545.5	583.0	626.8	677.0	718.8	764.1	813.8	869.2	919.1	964.6
62.5°	565.1	607.2	653.7	706.6	760.9	813.3	874.0	937.9	1002.6	1065.3	1127.4
60°	613.2	665.7	722.0	781.8	844.5	915.7	986.9	1063.0	1140.3	1215.7	1292.6
57.5°	659.4	724.4	789.2	858.9	936.9	1018.4	1104.0	1189.6	1282.0	1373.3	1460.6
55°	707.4	783.9	857.7	940.3	1029.7	1125.4	1222.0	1325.9	1427.9	1542.9	1649.0
52.5°	758.7	841.9	928.7	1023.1	1127.6	1235.5	1348.8	1467.9	1594.9	1722.7	1852.3
50°	808.7	902.5	999.0	1112.0	1228.8	1352.2	1483.0	1621.8	1769.6	1917.5	2074.4
47.5°	861.0	961.1	1079.0	1201.7	1335.6	1476.0	1624.1	1789.0	1953.4	2139.6	2319.5
45°	912.6	1027.6	1155.6	1298.2	1445.2	1603.3	1779.4	1960.6	2170.3	2380.7	2617.1
42.5°	962.0	1094.8	1239.2	1391.6	1558.9	1740.6	1935.5	2163.3	2399.8	2660.3	2937.7
40°	1019.0	1159.0	1321.7	1492.0	1673.2	1881.0	2115.5	2368.5	2657.0	2965.5	3280.6
37.5°	1074.0	1231.4	1402.9	1587.7	1798.1	2032.1	2291.1	2601.1	2934.0	3284.7	3713.5
35°	1125.8	1300.3	1486.7	1689.1	1917.0	2188.1	2497.9	2840.5	3224.0	3676.4	4176.7
32.5°	1180.8	1365.6	1565.7	1792.9	2050.8	2346.9	2698.8	3102.0	3556.0	4071.1	4697.1
30°	1236.1	1432.7	1644.2	1890.0	2177.0	2519.7	2919.5	3365.1	3887.4	4533.4	5268.3
27.5°	1287.3	1495.5	1727.2	1993.0	2299.7	2679.0	3131.5	3654.0	4269.2	4999.4	5857.8
25°	1334.3	1552.6	1803.4	2091.1	2435.0	2851.0	3341.7	3920.2	4651.3	5521.9	6577.9
22.5°	1379.2	1604.7	1872.3	2179.2	2556.9	3017.4	3569.7	4231.7	5039.9	6016.9	7283.4
20°	1421.2	1661.0	1940.7	2263.6	2665.8	3167.7	3779.4	4522.5	5442.2	6598.9	7975.2
17.5°	1458.2	1710.6	2005.5	2354.8	2787.2	3320.5	3977.1	4779.3	5800.3	7118.5	8613.5
15°	1489.9	1753.4	2061.5	2433.8	2896.6	3472.3	4184.7	5060.9	6173.8	7591.1	9174.0
12.5°	1516.4	1789.3	2108.6	2500.2	2988.4	3600.7	4361.9	5311.8	6537.7	8036.3	9666.1
10°	1537.5	1818.0	2146.5	2553.9	3062.5	3704.9	4508.0	5517.0	6840.4	8417.8	10082.4
7.5°	1555.1	1840.5	2175.5	2594.5	3118.6	3784.5	4621.6	5675.4	7077.1	8720.0	10401.8
5°	1567.6	1856.6	2197.6	2623.0	3159.7	3840.0	4701.2	5786.2	7245.4	8938.9	10620.3
2.5°	1574.6	1865.3	2210.3	2638.2	3184.9	3871.5	4742.9	5855.8	7337.9	9063.9	10752.3
0°	1576.0	1866.7	2213.4	2640.1	3192.1	3877.4	4749.4	5877.5	7357.5	9096.2	10800.3
-2.5°	1574.6	1865.3	2210.3	2638.2	3184.9	3871.5	4742.9	5855.8	7337.9	9063.9	10752.3
-5°	1567.6	1856.6	2197.6	2623.0	3159.7	3840.0	4701.2	5786.2	7245.4	8938.9	10620.3
-7.5°	1555.1	1840.5	2175.5	2594.5	3118.6	3784.5	4621.6	5675.4	7077.1	8720.0	10401.8
-10°	1537.5	1818.0	2146.5	2553.9	3062.5	3704.9	4508.0	5517.0	6840.4	8417.8	10082.4
-12.5°	1516.4	1789.3	2108.6	2500.2	2988.4	3600.7	4361.9	5311.8	6537.7	8036.3	9666.1
-15°	1489.9	1753.4	2061.5	2433.8	2896.6	3472.3	4184.7	5060.9	6173.8	7591.1	9174.0
-17.5°	1458.2	1710.6	2005.5	2354.8	2787.2	3320.5	3977.1	4779.3	5800.3	7118.5	8613.5
-20°	1421.2	1661.0	1940.7	2263.6	2665.8	3167.7	3779.4	4522.5	5442.2	6598.9	7975.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	1379.2	1604.7	1872.3	2179.2	2556.9	3017.4	3569.7	4231.7	5039.9	6016.9	7283.4
-25°	1334.3	1552.6	1803.4	2091.1	2435.0	2851.0	3341.7	3920.2	4651.3	5521.9	6577.9
-27.5°	1287.3	1495.5	1727.2	1993.0	2299.7	2679.0	3131.5	3654.0	4269.2	4999.4	5857.8
-30°	1236.1	1432.7	1644.2	1890.0	2177.0	2519.7	2919.5	3365.1	3887.4	4533.4	5268.3
-32.5°	1180.8	1365.6	1565.7	1792.9	2050.8	2346.9	2698.8	3102.0	3556.0	4071.1	4697.1
-35°	1125.8	1300.3	1486.7	1689.1	1917.0	2188.1	2497.9	2840.5	3224.0	3676.4	4176.7
-37.5°	1074.0	1231.4	1402.9	1587.7	1798.1	2032.1	2291.1	2601.1	2934.0	3284.7	3713.5
-40°	1019.0	1159.0	1321.7	1492.0	1673.2	1881.0	2115.5	2368.5	2657.0	2965.5	3280.6
-42.5°	962.0	1094.8	1239.2	1391.6	1558.9	1740.6	1935.5	2163.3	2399.8	2660.3	2937.7
-45°	912.6	1027.6	1155.6	1298.2	1445.2	1603.3	1779.4	1960.6	2170.3	2380.7	2617.1
-47.5°	861.0	961.1	1079.0	1201.7	1335.6	1476.0	1624.1	1789.0	1953.4	2139.6	2319.5
-50°	808.7	902.5	999.0	1112.0	1228.8	1352.2	1483.0	1621.8	1769.6	1917.5	2074.4
-52.5°	758.7	841.9	928.7	1023.1	1127.6	1235.5	1348.8	1467.9	1594.9	1722.7	1852.3
-55°	707.4	783.9	857.7	940.3	1029.7	1125.4	1222.0	1325.9	1427.9	1542.9	1649.0
-57.5°	659.4	724.4	789.2	858.9	936.9	1018.4	1104.0	1189.6	1282.0	1373.3	1460.6
-60°	613.2	665.7	722.0	781.8	844.5	915.7	986.9	1063.0	1140.3	1215.7	1292.6
-62.5°	565.1	607.2	653.7	706.6	760.9	813.3	874.0	937.9	1002.6	1065.3	1127.4
-65°	508.2	545.5	583.0	626.8	677.0	718.8	764.1	813.8	869.2	919.1	964.6
-67.5°	448.9	481.9	512.6	542.8	581.3	618.2	655.0	693.2	735.4	779.8	819.1
-70°	384.8	417.4	444.7	469.2	490.3	513.3	542.9	572.2	605.6	647.9	686.7
-72.5°	319.9	349.3	375.1	397.3	411.1	421.6	435.6	452.7	484.5	526.8	564.1
-75°	258.6	281.6	304.5	324.6	333.2	333.9	332.9	338.6	370.0	413.2	451.2
-77.5°	199.7	218.8	236.5	252.9	257.6	256.9	253.9	248.6	272.5	309.4	347.7
-80°	143.9	155.9	169.8	182.7	185.7	184.4	180.4	173.9	192.7	219.3	248.0
-82.5°	93.9	102.0	109.7	117.0	117.7	115.8	112.3	108.1	122.4	139.6	157.7
-85°	48.1	48.1	52.1	55.8	57.5	57.7	56.6	54.1	61.1	69.2	77.8
-87.5°	24.0	24.0	23.7	23.0	21.9	20.6	18.9	17.0	17.7	18.4	19.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	19.7	19.1	18.5	17.8	17.0	16.7	16.3	15.9	15.5	14.3	13.2
85°	86.8	88.7	89.8	90.3	90.3	93.2	95.9	98.3	100.5	91.1	80.8
82.5°	176.4	184.7	191.9	199.1	206.2	211.1	214.8	217.5	219.3	198.5	175.1
80°	277.6	295.0	309.3	323.1	336.3	339.6	339.5	337.6	334.0	305.6	273.4
77.5°	386.0	408.8	426.8	444.8	462.4	468.9	472.0	474.4	476.0	440.9	397.6
75°	484.4	511.5	536.8	560.3	582.0	593.5	600.2	605.8	610.0	574.7	528.3
72.5°	596.6	625.4	652.7	678.7	701.7	716.9	726.8	735.0	741.4	721.3	692.3
70°	720.0	749.7	778.6	805.7	831.7	852.1	868.2	882.1	893.6	895.8	894.8
67.5°	857.0	892.1	926.5	956.0	986.8	1015.7	1041.1	1062.2	1079.1	1090.2	1096.4
65°	1010.7	1063.5	1110.5	1150.3	1183.6	1222.1	1256.1	1282.1	1300.4	1314.3	1326.2
62.5°	1191.9	1255.9	1309.6	1362.7	1417.4	1470.7	1503.9	1537.3	1569.9	1600.7	1627.0
60°	1366.3	1436.4	1509.1	1576.9	1639.6	1697.3	1757.0	1810.0	1856.3	1895.1	1923.9
57.5°	1552.1	1637.5	1720.2	1806.2	1887.2	1962.7	2036.5	2104.6	2163.4	2212.9	2253.4
55°	1753.8	1858.2	1956.5	2065.7	2171.6	2268.2	2357.0	2448.2	2530.3	2602.6	2659.9
52.5°	1971.3	2107.0	2237.2	2365.4	2502.6	2626.5	2737.4	2863.7	2975.8	3068.4	3140.5
50°	2230.9	2390.4	2562.2	2721.2	2894.3	3064.8	3222.0	3374.3	3523.2	3652.0	3756.1
47.5°	2526.5	2722.8	2935.7	3146.4	3361.3	3594.4	3802.4	3995.6	4203.8	4384.6	4529.6
45°	2855.1	3105.4	3362.5	3658.7	3931.6	4231.1	4508.2	4757.1	5052.3	5312.5	5521.9
42.5°	3219.7	3553.1	3891.2	4264.4	4626.4	5006.6	5410.3	5768.4	6160.1	6533.4	6835.1
40°	3671.6	4070.2	4523.0	4974.6	5494.3	5982.4	6570.6	7105.2	7590.6	8035.8	8400.6
37.5°	4173.7	4686.9	5255.7	5843.9	6555.0	7252.0	7940.5	8590.6	9164.4	9651.7	10060.4
35°	4743.8	5395.8	6084.8	6943.6	7776.7	8611.5	9389.2	10099.6	10723.8	11273.5	11741.0
32.5°	5399.5	6182.1	7146.5	8111.3	9061.7	9980.8	10834.5	11609.4	12293.9	12911.1	13448.7
30°	6088.9	7156.7	8239.1	9297.5	10335.5	11342.2	12279.3	13132.8	13906.3	14593.4	15212.7
27.5°	6965.0	8148.3	9328.6	10469.5	11611.5	12713.3	13728.8	14677.0	15564.5	16341.1	17049.0
25°	7812.3	9119.6	10374.3	11618.3	12861.3	14044.3	15179.8	16250.7	17267.2	18158.6	18948.9
22.5°	8659.5	10027.8	11368.6	12706.2	14041.5	15360.3	16635.3	17862.2	18999.0	20013.9	20903.6
20°	9444.2	10874.5	12308.4	13750.4	15197.8	16641.3	18073.3	19454.0	20720.4	21892.3	22922.0
17.5°	10147.7	11668.9	13189.0	14731.5	16300.5	17867.7	19458.4	21006.3	22454.1	23787.4	24982.0
15°	10770.7	12358.0	13990.6	15655.1	17339.9	19041.9	20777.7	22509.5	24139.3	25653.6	26987.3
12.5°	11315.4	12965.6	14676.7	16445.3	18273.9	20128.1	22022.5	23920.8	25725.0	27473.3	28913.4
10°	11764.8	13482.3	15270.9	17129.2	19057.5	21053.2	23085.5	25129.0	27116.7	28971.4	30618.2
7.5°	12111.9	13893.8	15736.8	17669.5	19692.7	21797.1	23950.0	26118.5	28239.8	30238.3	32060.3
5°	12356.7	14193.3	16059.5	18069.9	20163.3	22344.1	24581.7	26841.5	29059.0	31160.3	33048.7
2.5°	12498.8	14373.1	16247.3	18313.1	20443.1	22675.1	24973.4	27270.3	29546.4	31725.8	33666.3
0°	12536.3	14427.0	16355.1	18339.1	20531.2	22829.9	25045.9	27350.0	29715.4	31864.8	33798.2
-2.5°	12498.8	14373.1	16247.3	18313.1	20443.1	22675.1	24973.4	27270.3	29546.4	31725.8	33666.3
-5°	12356.7	14193.3	16059.5	18069.9	20163.3	22344.1	24581.7	26841.5	29059.0	31160.3	33048.7
-7.5°	12111.9	13893.8	15736.8	17669.5	19692.7	21797.1	23950.0	26118.5	28239.8	30238.3	32060.3
-10°	11764.8	13482.3	15270.9	17129.2	19057.5	21053.2	23085.5	25129.0	27116.7	28971.4	30618.2
-12.5°	11315.4	12965.6	14676.7	16445.3	18273.9	20128.1	22022.5	23920.8	25725.0	27473.3	28913.4
-15°	10770.7	12358.0	13990.6	15655.1	17339.9	19041.9	20777.7	22509.5	24139.3	25653.6	26987.3
-17.5°	10147.7	11668.9	13189.0	14731.5	16300.5	17867.7	19458.4	21006.3	22454.1	23787.4	24982.0
-20°	9444.2	10874.5	12308.4	13750.4	15197.8	16641.3	18073.3	19454.0	20720.4	21892.3	22922.0



REPORT NUMBER: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8659.5	10027.8	11368.6	12706.2	14041.5	15360.3	16635.3	17862.2	18999.0	20013.9	20903.6
-25°	7812.3	9119.6	10374.3	11618.3	12861.3	14044.3	15179.8	16250.7	17267.2	18158.6	18948.9
-27.5°	6965.0	8148.3	9328.6	10469.5	11611.5	12713.3	13728.8	14677.0	15564.5	16341.1	17049.0
-30°	6088.9	7156.7	8239.1	9297.5	10335.5	11342.2	12279.3	13132.8	13906.3	14593.4	15212.7
-32.5°	5399.5	6182.1	7146.5	8111.3	9061.7	9980.8	10834.5	11609.4	12293.9	12911.1	13448.7
-35°	4743.8	5395.8	6084.8	6943.6	7776.7	8611.5	9389.2	10099.6	10723.8	11273.5	11741.0
-37.5°	4173.7	4686.9	5255.7	5843.9	6555.0	7252.0	7940.5	8590.6	9164.4	9651.7	10060.4
-40°	3671.6	4070.2	4523.0	4974.6	5494.3	5982.4	6570.6	7105.2	7590.6	8035.8	8400.6
-42.5°	3219.7	3553.1	3891.2	4264.4	4626.4	5006.6	5410.3	5768.4	6160.1	6533.4	6835.1
-45°	2855.1	3105.4	3362.5	3658.7	3931.6	4231.1	4508.2	4757.1	5052.3	5312.5	5521.9
-47.5°	2526.5	2722.8	2935.7	3146.4	3361.3	3594.4	3802.4	3995.6	4203.8	4384.6	4529.6
-50°	2230.9	2390.4	2562.2	2721.2	2894.3	3064.8	3222.0	3374.3	3523.2	3652.0	3756.1
-52.5°	1971.3	2107.0	2237.2	2365.4	2502.6	2626.5	2737.4	2863.7	2975.8	3068.4	3140.5
-55°	1753.8	1858.2	1956.5	2065.7	2171.6	2268.2	2357.0	2448.2	2530.3	2602.6	2659.9
-57.5°	1552.1	1637.5	1720.2	1806.2	1887.2	1962.7	2036.5	2104.6	2163.4	2212.9	2253.4
-60°	1366.3	1436.4	1509.1	1576.9	1639.6	1697.3	1757.0	1810.0	1856.3	1895.1	1923.9
-62.5°	1191.9	1255.9	1309.6	1362.7	1417.4	1470.7	1503.9	1537.3	1569.9	1600.7	1627.0
-65°	1010.7	1063.5	1110.5	1150.3	1183.6	1222.1	1256.1	1282.1	1300.4	1314.3	1326.2
-67.5°	857.0	892.1	926.5	956.0	986.8	1015.7	1041.1	1062.2	1079.1	1090.2	1096.4
-70°	720.0	749.7	778.6	805.7	831.7	852.1	868.2	882.1	893.6	895.8	894.8
-72.5°	596.6	625.4	652.7	678.7	701.7	716.9	726.8	735.0	741.4	721.3	692.3
-75°	484.4	511.5	536.8	560.3	582.0	593.5	600.2	605.8	610.0	574.7	528.3
-77.5°	386.0	408.8	426.8	444.8	462.4	468.9	472.0	474.4	476.0	440.9	397.6
-80°	277.6	295.0	309.3	323.1	336.3	339.6	339.5	337.6	334.0	305.6	273.4
-82.5°	176.4	184.7	191.9	199.1	206.2	211.1	214.8	217.5	219.3	198.5	175.1
-85°	86.8	88.7	89.8	90.3	90.3	93.2	95.9	98.3	100.5	91.1	80.8
-87.5°	19.7	19.1	18.5	17.8	17.0	16.7	16.3	15.9	15.5	14.3	13.2
-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: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	11.9	10.7	9.3	8.0	9.3	10.7	11.9	13.2	14.3	15.5	15.9
85°	69.8	58.4	57.3	56.0	57.3	58.4	69.8	80.8	91.1	100.5	98.3
82.5°	150.6	125.0	121.2	117.3	121.2	125.0	150.6	175.1	198.5	219.3	217.5
80°	239.8	205.2	198.5	192.0	198.5	205.2	239.8	273.4	305.6	334.0	337.6
77.5°	352.0	304.5	290.5	277.3	290.5	304.5	352.0	397.6	440.9	476.0	474.4
75°	480.0	430.0	413.1	397.3	413.1	430.0	480.0	528.3	574.7	610.0	605.8
72.5°	662.9	632.4	601.7	568.0	601.7	632.4	662.9	692.3	721.3	741.4	735.0
70°	893.9	891.7	884.0	872.0	884.0	891.7	893.9	894.8	895.8	893.6	882.1
67.5°	1099.0	1098.1	1100.9	1101.4	1100.9	1098.1	1099.0	1096.4	1090.2	1079.1	1062.2
65°	1333.5	1336.0	1341.5	1344.0	1341.5	1336.0	1333.5	1326.2	1314.3	1300.4	1282.1
62.5°	1647.1	1660.8	1667.5	1666.7	1667.5	1660.8	1647.1	1627.0	1600.7	1569.9	1537.3
60°	1945.5	1959.6	1968.5	1970.7	1968.5	1959.6	1945.5	1923.9	1895.1	1856.3	1810.0
57.5°	2285.5	2308.7	2321.0	2322.7	2321.0	2308.7	2285.5	2253.4	2212.9	2163.4	2104.6
55°	2703.9	2734.6	2748.3	2746.7	2748.3	2734.6	2703.9	2659.9	2602.6	2530.3	2448.2
52.5°	3195.0	3232.4	3260.4	3277.4	3260.4	3232.4	3195.0	3140.5	3068.4	2975.8	2863.7
50°	3834.4	3888.0	3922.2	3936.1	3922.2	3888.0	3834.4	3756.1	3652.0	3523.2	3374.3
47.5°	4634.4	4705.4	4758.1	4794.8	4758.1	4705.4	4634.4	4529.6	4384.6	4203.8	3995.6
45°	5676.5	5784.9	5858.5	5901.5	5858.5	5784.9	5676.5	5521.9	5312.5	5052.3	4757.1
42.5°	7070.8	7238.9	7342.0	7381.5	7342.0	7238.9	7070.8	6835.1	6533.4	6160.1	5768.4
40°	8688.8	8890.8	9023.4	9114.9	9023.4	8890.8	8688.8	8400.6	8035.8	7590.6	7105.2
37.5°	10374.1	10586.2	10715.3	10802.9	10715.3	10586.2	10374.1	10060.4	9651.7	9164.4	8590.6
35°	12093.4	12315.5	12436.6	12504.3	12436.6	12315.5	12093.4	11741.0	11273.5	10723.8	10099.6
32.5°	13858.5	14103.2	14234.9	14371.0	14234.9	14103.2	13858.5	13448.7	12911.1	12293.9	11609.4
30°	15702.0	15982.9	16120.7	16187.1	16120.7	15982.9	15702.0	15212.7	14593.4	13906.3	13132.8
27.5°	17620.3	17970.5	18142.9	18256.4	18142.9	17970.5	17620.3	17049.0	16341.1	15564.5	14677.0
25°	19616.4	20050.2	20247.8	20424.5	20247.8	20050.2	19616.4	18948.9	18158.6	17267.2	16250.7
22.5°	21687.4	22227.6	22456.4	22581.9	22456.4	22227.6	21687.4	20903.6	20013.9	18999.0	17862.2
20°	23812.4	24457.9	24775.7	24939.3	24775.7	24457.9	23812.4	22922.0	21892.3	20720.4	19454.0
17.5°	25985.4	26788.3	27199.5	27294.0	27199.5	26788.3	25985.4	24982.0	23787.4	22454.1	21006.3
15°	28118.6	28987.1	29473.3	29651.4	29473.3	28987.1	28118.6	26987.3	25653.6	24139.3	22509.5
12.5°	30138.9	31039.0	31619.9	31723.4	31619.9	31039.0	30138.9	28913.4	27473.3	25725.0	23920.8
10°	31971.1	32903.6	33545.3	33691.5	33545.3	32903.6	31971.1	30618.2	28971.4	27116.7	25129.0
7.5°	33502.8	34526.0	35234.9	35358.2	35234.9	34526.0	33502.8	32060.3	30238.3	28239.8	26118.5
5°	34623.5	35838.4	36420.2	36566.2	36420.2	35838.4	34623.5	33048.7	31160.3	29059.0	26841.5
2.5°	35238.3	36474.9	37283.7	37190.2	37283.7	36474.9	35238.3	33666.3	31725.8	29546.4	27270.3
0°	35307.5	36600.9	37374.2	37731.6	37374.2	36600.9	35307.5	33798.2	31864.8	29715.4	27350.0
-2.5°	35238.3	36474.9	37283.7	37190.2	37283.7	36474.9	35238.3	33666.3	31725.8	29546.4	27270.3
-5°	34623.5	35838.4	36420.2	36566.2	36420.2	35838.4	34623.5	33048.7	31160.3	29059.0	26841.5
-7.5°	33502.8	34526.0	35234.9	35358.2	35234.9	34526.0	33502.8	32060.3	30238.3	28239.8	26118.5
-10°	31971.1	32903.6	33545.3	33691.5	33545.3	32903.6	31971.1	30618.2	28971.4	27116.7	25129.0
-12.5°	30138.9	31039.0	31619.9	31723.4	31619.9	31039.0	30138.9	28913.4	27473.3	25725.0	23920.8
-15°	28118.6	28987.1	29473.3	29651.4	29473.3	28987.1	28118.6	26987.3	25653.6	24139.3	22509.5
-17.5°	25985.4	26788.3	27199.5	27294.0	27199.5	26788.3	25985.4	24982.0	23787.4	22454.1	21006.3
-20°	23812.4	24457.9	24775.7	24939.3	24775.7	24457.9	23812.4	22922.0	21892.3	20720.4	19454.0



REPORT NUMBER: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	21687.4	22227.6	22456.4	22581.9	22456.4	22227.6	21687.4	20903.6	20013.9	18999.0	17862.2
-25°	19616.4	20050.2	20247.8	20424.5	20247.8	20050.2	19616.4	18948.9	18158.6	17267.2	16250.7
-27.5°	17620.3	17970.5	18142.9	18256.4	18142.9	17970.5	17620.3	17049.0	16341.1	15564.5	14677.0
-30°	15702.0	15982.9	16120.7	16187.1	16120.7	15982.9	15702.0	15212.7	14593.4	13906.3	13132.8
-32.5°	13858.5	14103.2	14234.9	14371.0	14234.9	14103.2	13858.5	13448.7	12911.1	12293.9	11609.4
-35°	12093.4	12315.5	12436.6	12504.3	12436.6	12315.5	12093.4	11741.0	11273.5	10723.8	10099.6
-37.5°	10374.1	10586.2	10715.3	10802.9	10715.3	10586.2	10374.1	10060.4	9651.7	9164.4	8590.6
-40°	8688.8	8890.8	9023.4	9114.9	9023.4	8890.8	8688.8	8400.6	8035.8	7590.6	7105.2
-42.5°	7070.8	7238.9	7342.0	7381.5	7342.0	7238.9	7070.8	6835.1	6533.4	6160.1	5768.4
-45°	5676.5	5784.9	5858.5	5901.5	5858.5	5784.9	5676.5	5521.9	5312.5	5052.3	4757.1
-47.5°	4634.4	4705.4	4758.1	4794.8	4758.1	4705.4	4634.4	4529.6	4384.6	4203.8	3995.6
-50°	3834.4	3888.0	3922.2	3936.1	3922.2	3888.0	3834.4	3756.1	3652.0	3523.2	3374.3
-52.5°	3195.0	3232.4	3260.4	3277.4	3260.4	3232.4	3195.0	3140.5	3068.4	2975.8	2863.7
-55°	2703.9	2734.6	2748.3	2746.7	2748.3	2734.6	2703.9	2659.9	2602.6	2530.3	2448.2
-57.5°	2285.5	2308.7	2321.0	2322.7	2321.0	2308.7	2285.5	2253.4	2212.9	2163.4	2104.6
-60°	1945.5	1959.6	1968.5	1970.7	1968.5	1959.6	1945.5	1923.9	1895.1	1856.3	1810.0
-62.5°	1647.1	1660.8	1667.5	1666.7	1667.5	1660.8	1647.1	1627.0	1600.7	1569.9	1537.3
-65°	1333.5	1336.0	1341.5	1344.0	1341.5	1336.0	1333.5	1326.2	1314.3	1300.4	1282.1
-67.5°	1099.0	1098.1	1100.9	1101.4	1100.9	1098.1	1099.0	1096.4	1090.2	1079.1	1062.2
-70°	893.9	891.7	884.0	872.0	884.0	891.7	893.9	894.8	895.8	893.6	882.1
-72.5°	662.9	632.4	601.7	568.0	601.7	632.4	662.9	692.3	721.3	741.4	735.0
-75°	480.0	430.0	413.1	397.3	413.1	430.0	480.0	528.3	574.7	610.0	605.8
-77.5°	352.0	304.5	290.5	277.3	290.5	304.5	352.0	397.6	440.9	476.0	474.4
-80°	239.8	205.2	198.5	192.0	198.5	205.2	239.8	273.4	305.6	334.0	337.6
-82.5°	150.6	125.0	121.2	117.3	121.2	125.0	150.6	175.1	198.5	219.3	217.5
-85°	69.8	58.4	57.3	56.0	57.3	58.4	69.8	80.8	91.1	100.5	98.3
-87.5°	11.9	10.7	9.3	8.0	9.3	10.7	11.9	13.2	14.3	15.5	15.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	16.3	16.7	17.0	17.8	18.5	19.1	19.7	19.0	18.4	17.7	17.0
85°	95.9	93.2	90.3	90.3	89.8	88.7	86.8	77.8	69.2	61.1	54.1
82.5°	214.8	211.1	206.2	199.1	191.9	184.7	176.4	157.7	139.6	122.4	108.1
80°	339.5	339.6	336.3	323.1	309.3	295.0	277.6	248.0	219.3	192.7	173.9
77.5°	472.0	468.9	462.4	444.8	426.8	408.8	386.0	347.7	309.4	272.5	248.6
75°	600.2	593.5	582.0	560.3	536.8	511.5	484.4	451.2	413.2	370.0	338.6
72.5°	726.8	716.9	701.7	678.7	652.7	625.4	596.6	564.1	526.8	484.5	452.7
70°	868.2	852.1	831.7	805.7	778.6	749.7	720.0	686.7	647.9	605.6	572.2
67.5°	1041.1	1015.7	986.8	956.0	926.5	892.1	857.0	819.1	779.8	735.4	693.2
65°	1256.1	1222.1	1183.6	1150.3	1110.5	1063.5	1010.7	964.6	919.1	869.2	813.8
62.5°	1503.9	1470.7	1417.4	1362.7	1309.6	1255.9	1191.9	1127.4	1065.3	1002.6	937.9
60°	1757.0	1697.3	1639.6	1576.9	1509.1	1436.4	1366.3	1292.6	1215.7	1140.3	1063.0
57.5°	2036.5	1962.7	1887.2	1806.2	1720.2	1637.5	1552.1	1460.6	1373.3	1282.0	1189.6
55°	2357.0	2268.2	2171.6	2065.7	1956.5	1858.2	1753.8	1649.0	1542.9	1427.9	1325.9
52.5°	2737.4	2626.5	2502.6	2365.4	2237.2	2107.0	1971.3	1852.3	1722.7	1594.9	1467.9
50°	3222.0	3064.8	2894.3	2721.2	2562.2	2390.4	2230.9	2074.4	1917.5	1769.6	1621.8
47.5°	3802.4	3594.4	3361.3	3146.4	2935.7	2722.8	2526.5	2319.5	2139.6	1953.4	1789.0
45°	4508.2	4231.1	3931.6	3658.7	3362.5	3105.4	2855.1	2617.1	2380.7	2170.3	1960.6
42.5°	5410.3	5006.6	4626.4	4264.4	3891.2	3553.1	3219.7	2937.7	2660.3	2399.8	2163.3
40°	6570.6	5982.4	5494.3	4974.6	4523.0	4070.2	3671.6	3280.6	2965.5	2657.0	2368.5
37.5°	7940.5	7252.0	6555.0	5843.9	5255.7	4686.9	4173.7	3713.5	3284.7	2934.0	2601.1
35°	9389.2	8611.5	7776.7	6943.6	6084.8	5395.8	4743.8	4176.7	3676.4	3224.0	2840.5
32.5°	10834.5	9980.8	9061.7	8111.3	7146.5	6182.1	5399.5	4697.1	4071.1	3556.0	3102.0
30°	12279.3	11342.2	10335.5	9297.5	8239.1	7156.7	6088.9	5268.3	4533.4	3887.4	3365.1
27.5°	13728.8	12713.3	11611.5	10469.5	9328.6	8148.3	6965.0	5857.8	4999.4	4269.2	3654.0
25°	15179.8	14044.3	12861.3	11618.3	10374.3	9119.6	7812.3	6577.9	5521.9	4651.3	3920.2
22.5°	16635.3	15360.3	14041.5	12706.2	11368.6	10027.8	8659.5	7283.4	6016.9	5039.9	4231.7
20°	18073.3	16641.3	15197.8	13750.4	12308.4	10874.5	9444.2	7975.2	6598.9	5442.2	4522.5
17.5°	19458.4	17867.7	16300.5	14731.5	13189.0	11668.9	10147.7	8613.5	7118.5	5800.3	4779.3
15°	20777.7	19041.9	17339.9	15655.1	13990.6	12358.0	10770.7	9174.0	7591.1	6173.8	5060.9
12.5°	22022.5	20128.1	18273.9	16445.3	14676.7	12965.6	11315.4	9666.1	8036.3	6537.7	5311.8
10°	23085.5	21053.2	19057.5	17129.2	15270.9	13482.3	11764.8	10082.4	8417.8	6840.4	5517.0
7.5°	23950.0	21797.1	19692.7	17669.5	15736.8	13893.8	12111.9	10401.8	8720.0	7077.1	5675.4
5°	24581.7	22344.1	20163.3	18069.9	16059.5	14193.3	12356.7	10620.3	8938.9	7245.4	5786.2
2.5°	24973.4	22675.1	20443.1	18313.1	16247.3	14373.1	12498.8	10752.3	9063.9	7337.9	5855.8
0°	25045.9	22829.9	20531.2	18339.1	16355.1	14427.0	12536.3	10800.3	9096.2	7357.5	5877.5
-2.5°	24973.4	22675.1	20443.1	18313.1	16247.3	14373.1	12498.8	10752.3	9063.9	7337.9	5855.8
-5°	24581.7	22344.1	20163.3	18069.9	16059.5	14193.3	12356.7	10620.3	8938.9	7245.4	5786.2
-7.5°	23950.0	21797.1	19692.7	17669.5	15736.8	13893.8	12111.9	10401.8	8720.0	7077.1	5675.4
-10°	23085.5	21053.2	19057.5	17129.2	15270.9	13482.3	11764.8	10082.4	8417.8	6840.4	5517.0
-12.5°	22022.5	20128.1	18273.9	16445.3	14676.7	12965.6	11315.4	9666.1	8036.3	6537.7	5311.8
-15°	20777.7	19041.9	17339.9	15655.1	13990.6	12358.0	10770.7	9174.0	7591.1	6173.8	5060.9
-17.5°	19458.4	17867.7	16300.5	14731.5	13189.0	11668.9	10147.7	8613.5	7118.5	5800.3	4779.3
-20°	18073.3	16641.3	15197.8	13750.4	12308.4	10874.5	9444.2	7975.2	6598.9	5442.2	4522.5



REPORT NUMBER: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16635.3	15360.3	14041.5	12706.2	11368.6	10027.8	8659.5	7283.4	6016.9	5039.9	4231.7
-25°	15179.8	14044.3	12861.3	11618.3	10374.3	9119.6	7812.3	6577.9	5521.9	4651.3	3920.2
-27.5°	13728.8	12713.3	11611.5	10469.5	9328.6	8148.3	6965.0	5857.8	4999.4	4269.2	3654.0
-30°	12279.3	11342.2	10335.5	9297.5	8239.1	7156.7	6088.9	5268.3	4533.4	3887.4	3365.1
-32.5°	10834.5	9980.8	9061.7	8111.3	7146.5	6182.1	5399.5	4697.1	4071.1	3556.0	3102.0
-35°	9389.2	8611.5	7776.7	6943.6	6084.8	5395.8	4743.8	4176.7	3676.4	3224.0	2840.5
-37.5°	7940.5	7252.0	6555.0	5843.9	5255.7	4686.9	4173.7	3713.5	3284.7	2934.0	2601.1
-40°	6570.6	5982.4	5494.3	4974.6	4523.0	4070.2	3671.6	3280.6	2965.5	2657.0	2368.5
-42.5°	5410.3	5006.6	4626.4	4264.4	3891.2	3553.1	3219.7	2937.7	2660.3	2399.8	2163.3
-45°	4508.2	4231.1	3931.6	3658.7	3362.5	3105.4	2855.1	2617.1	2380.7	2170.3	1960.6
-47.5°	3802.4	3594.4	3361.3	3146.4	2935.7	2722.8	2526.5	2319.5	2139.6	1953.4	1789.0
-50°	3222.0	3064.8	2894.3	2721.2	2562.2	2390.4	2230.9	2074.4	1917.5	1769.6	1621.8
-52.5°	2737.4	2626.5	2502.6	2365.4	2237.2	2107.0	1971.3	1852.3	1722.7	1594.9	1467.9
-55°	2357.0	2268.2	2171.6	2065.7	1956.5	1858.2	1753.8	1649.0	1542.9	1427.9	1325.9
-57.5°	2036.5	1962.7	1887.2	1806.2	1720.2	1637.5	1552.1	1460.6	1373.3	1282.0	1189.6
-60°	1757.0	1697.3	1639.6	1576.9	1509.1	1436.4	1366.3	1292.6	1215.7	1140.3	1063.0
-62.5°	1503.9	1470.7	1417.4	1362.7	1309.6	1255.9	1191.9	1127.4	1065.3	1002.6	937.9
-65°	1256.1	1222.1	1183.6	1150.3	1110.5	1063.5	1010.7	964.6	919.1	869.2	813.8
-67.5°	1041.1	1015.7	986.8	956.0	926.5	892.1	857.0	819.1	779.8	735.4	693.2
-70°	868.2	852.1	831.7	805.7	778.6	749.7	720.0	686.7	647.9	605.6	572.2
-72.5°	726.8	716.9	701.7	678.7	652.7	625.4	596.6	564.1	526.8	484.5	452.7
-75°	600.2	593.5	582.0	560.3	536.8	511.5	484.4	451.2	413.2	370.0	338.6
-77.5°	472.0	468.9	462.4	444.8	426.8	408.8	386.0	347.7	309.4	272.5	248.6
-80°	339.5	339.6	336.3	323.1	309.3	295.0	277.6	248.0	219.3	192.7	173.9
-82.5°	214.8	211.1	206.2	199.1	191.9	184.7	176.4	157.7	139.6	122.4	108.1
-85°	95.9	93.2	90.3	90.3	89.8	88.7	86.8	77.8	69.2	61.1	54.1
-87.5°	16.3	16.7	17.0	17.8	18.5	19.1	19.7	19.0	18.4	17.7	17.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	18.9	20.6	21.9	23.0	23.7	24.0	24.0	23.7	22.7	21.4	19.8
85°	56.6	57.7	57.5	55.8	52.1	48.1	48.1	47.4	45.4	42.9	39.7
82.5°	112.3	115.8	117.7	117.0	109.7	102.0	93.9	85.3	76.1	65.6	59.5
80°	180.4	184.4	185.7	182.7	169.8	155.9	143.9	131.5	119.4	105.7	90.3
77.5°	253.9	256.9	257.6	252.9	236.5	218.8	199.7	179.7	162.7	145.6	126.6
75°	332.9	333.9	333.2	324.6	304.5	281.6	258.6	233.7	208.8	185.6	162.8
72.5°	435.6	421.6	411.1	397.3	375.1	349.3	319.9	286.8	255.3	225.8	198.3
70°	542.9	513.3	490.3	469.2	444.7	417.4	384.8	343.3	301.1	265.2	231.8
67.5°	655.0	618.2	581.3	542.8	512.6	481.9	448.9	399.0	348.4	303.9	264.6
65°	764.1	718.8	677.0	626.8	583.0	545.5	508.2	451.7	394.0	342.0	296.6
62.5°	874.0	813.3	760.9	706.6	653.7	607.2	565.1	500.7	437.6	378.6	327.0
60°	986.9	915.7	844.5	781.8	722.0	665.7	613.2	548.3	479.9	413.5	355.8
57.5°	1104.0	1018.4	936.9	858.9	789.2	724.4	659.4	592.2	520.7	448.8	381.8
55°	1222.0	1125.4	1029.7	940.3	857.7	783.9	707.4	634.1	559.9	483.4	402.4
52.5°	1348.8	1235.5	1127.6	1023.1	928.7	841.9	758.7	675.1	597.2	516.5	425.0
50°	1483.0	1352.2	1228.8	1112.0	999.0	902.5	808.7	720.1	633.6	548.5	446.1
47.5°	1624.1	1476.0	1335.6	1201.7	1079.0	961.1	861.0	764.2	669.0	580.1	465.4
45°	1779.4	1603.3	1445.2	1298.2	1155.6	1027.6	912.6	806.9	707.3	602.8	482.7
42.5°	1935.5	1740.6	1558.9	1391.6	1239.2	1094.8	962.0	851.2	744.2	623.5	499.7
40°	2115.5	1881.0	1673.2	1492.0	1321.7	1159.0	1019.0	893.9	778.5	644.0	516.1
37.5°	2291.1	2032.1	1798.1	1587.7	1402.9	1231.4	1074.0	934.5	805.6	666.5	531.0
35°	2497.9	2188.1	1917.0	1689.1	1486.7	1300.3	1125.8	976.0	835.4	688.0	544.3
32.5°	2698.8	2346.9	2050.8	1792.9	1565.7	1365.6	1180.8	1018.5	865.6	708.5	555.9
30°	2919.5	2519.7	2177.0	1890.0	1644.2	1432.7	1236.1	1058.5	896.1	727.9	567.2
27.5°	3131.5	2679.0	2299.7	1993.0	1727.2	1495.5	1287.3	1095.9	926.7	748.1	581.3
25°	3341.7	2851.0	2435.0	2091.1	1803.4	1552.6	1334.3	1131.0	956.8	770.7	593.9
22.5°	3569.7	3017.4	2556.9	2179.2	1872.3	1604.7	1379.2	1169.2	984.3	792.3	604.9
20°	3779.4	3167.7	2665.8	2263.6	1940.7	1661.0	1421.2	1203.5	1009.1	812.6	614.3
17.5°	3977.1	3320.5	2787.2	2354.8	2005.5	1710.6	1458.2	1233.6	1031.0	831.3	621.8
15°	4184.7	3472.3	2896.6	2433.8	2061.5	1753.4	1489.9	1259.5	1049.8	848.1	629.0
12.5°	4361.9	3600.7	2988.4	2500.2	2108.6	1789.3	1516.4	1281.0	1065.5	862.3	635.4
10°	4508.0	3704.9	3062.5	2553.9	2146.5	1818.0	1537.5	1298.5	1078.6	873.4	639.0
7.5°	4621.6	3784.5	3118.6	2594.5	2175.5	1840.5	1555.1	1312.1	1088.7	881.2	639.8
5°	4701.2	3840.0	3159.7	2623.0	2197.6	1856.6	1567.6	1321.1	1095.6	885.5	637.9
2.5°	4742.9	3871.5	3184.9	2638.2	2210.3	1865.3	1574.6	1325.6	1099.0	886.0	633.5
0°	4749.4	3877.4	3192.1	2640.1	2213.4	1866.7	1576.0	1325.4	1098.7	882.7	626.7
-2.5°	4742.9	3871.5	3184.9	2638.2	2210.3	1865.3	1574.6	1325.6	1099.0	886.0	633.5
-5°	4701.2	3840.0	3159.7	2623.0	2197.6	1856.6	1567.6	1321.1	1095.6	885.5	637.9
-7.5°	4621.6	3784.5	3118.6	2594.5	2175.5	1840.5	1555.1	1312.1	1088.7	881.2	639.8
-10°	4508.0	3704.9	3062.5	2553.9	2146.5	1818.0	1537.5	1298.5	1078.6	873.4	639.0
-12.5°	4361.9	3600.7	2988.4	2500.2	2108.6	1789.3	1516.4	1281.0	1065.5	862.3	635.4
-15°	4184.7	3472.3	2896.6	2433.8	2061.5	1753.4	1489.9	1259.5	1049.8	848.1	629.0
-17.5°	3977.1	3320.5	2787.2	2354.8	2005.5	1710.6	1458.2	1233.6	1031.0	831.3	621.8
-20°	3779.4	3167.7	2665.8	2263.6	1940.7	1661.0	1421.2	1203.5	1009.1	812.6	614.3



REPORT NUMBER: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	3569.7	3017.4	2556.9	2179.2	1872.3	1604.7	1379.2	1169.2	984.3	792.3	604.9
-25°	3341.7	2851.0	2435.0	2091.1	1803.4	1552.6	1334.3	1131.0	956.8	770.7	593.9
-27.5°	3131.5	2679.0	2299.7	1993.0	1727.2	1495.5	1287.3	1095.9	926.7	748.1	581.3
-30°	2919.5	2519.7	2177.0	1890.0	1644.2	1432.7	1236.1	1058.5	896.1	727.9	567.2
-32.5°	2698.8	2346.9	2050.8	1792.9	1565.7	1365.6	1180.8	1018.5	865.6	708.5	555.9
-35°	2497.9	2188.1	1917.0	1689.1	1486.7	1300.3	1125.8	976.0	835.4	688.0	544.3
-37.5°	2291.1	2032.1	1798.1	1587.7	1402.9	1231.4	1074.0	934.5	805.6	666.5	531.0
-40°	2115.5	1881.0	1673.2	1492.0	1321.7	1159.0	1019.0	893.9	778.5	644.0	516.1
-42.5°	1935.5	1740.6	1558.9	1391.6	1239.2	1094.8	962.0	851.2	744.2	623.5	499.7
-45°	1779.4	1603.3	1445.2	1298.2	1155.6	1027.6	912.6	806.9	707.3	602.8	482.7
-47.5°	1624.1	1476.0	1335.6	1201.7	1079.0	961.1	861.0	764.2	669.0	580.1	465.4
-50°	1483.0	1352.2	1228.8	1112.0	999.0	902.5	808.7	720.1	633.6	548.5	446.1
-52.5°	1348.8	1235.5	1127.6	1023.1	928.7	841.9	758.7	675.1	597.2	516.5	425.0
-55°	1222.0	1125.4	1029.7	940.3	857.7	783.9	707.4	634.1	559.9	483.4	402.4
-57.5°	1104.0	1018.4	936.9	858.9	789.2	724.4	659.4	592.2	520.7	448.8	381.8
-60°	986.9	915.7	844.5	781.8	722.0	665.7	613.2	548.3	479.9	413.5	355.8
-62.5°	874.0	813.3	760.9	706.6	653.7	607.2	565.1	500.7	437.6	378.6	327.0
-65°	764.1	718.8	677.0	626.8	583.0	545.5	508.2	451.7	394.0	342.0	296.6
-67.5°	655.0	618.2	581.3	542.8	512.6	481.9	448.9	399.0	348.4	303.9	264.6
-70°	542.9	513.3	490.3	469.2	444.7	417.4	384.8	343.3	301.1	265.2	231.8
-72.5°	435.6	421.6	411.1	397.3	375.1	349.3	319.9	286.8	255.3	225.8	198.3
-75°	332.9	333.9	333.2	324.6	304.5	281.6	258.6	233.7	208.8	185.6	162.8
-77.5°	253.9	256.9	257.6	252.9	236.5	218.8	199.7	179.7	162.7	145.6	126.6
-80°	180.4	184.4	185.7	182.7	169.8	155.9	143.9	131.5	119.4	105.7	90.3
-82.5°	112.3	115.8	117.7	117.0	109.7	102.0	93.9	85.3	76.1	65.6	59.5
-85°	56.6	57.7	57.5	55.8	52.1	48.1	48.1	47.4	45.4	42.9	39.7
-87.5°	18.9	20.6	21.9	23.0	23.7	24.0	24.0	23.7	22.7	21.4	19.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report



REPORT NUMBER: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	17.9	14.0	10.4	7.2	4.4	1.9	0.0
85°	35.8	27.9	20.8	14.4	8.8	3.8	0.0
82.5°	53.5	41.7	31.1	21.6	13.2	5.7	0.0
80°	72.7	55.4	41.3	28.6	17.5	7.6	0.0
77.5°	103.7	72.1	51.3	35.6	21.8	9.5	0.0
75°	134.0	94.2	62.1	42.5	26.0	11.3	0.0
72.5°	163.2	115.7	77.0	49.2	30.1	13.1	0.0
70°	190.9	136.4	91.3	56.3	34.1	14.9	0.0
67.5°	215.0	156.1	105.0	65.0	38.0	16.6	0.0
65°	237.9	174.2	118.1	73.4	41.8	18.3	0.0
62.5°	259.5	190.7	130.3	81.3	45.4	20.0	0.0
60°	279.7	206.3	141.8	88.7	48.9	21.5	0.0
57.5°	298.0	220.8	152.5	95.7	53.1	23.1	0.0
55°	314.9	234.1	162.4	102.1	57.2	24.5	0.0
52.5°	330.4	246.3	171.5	108.0	61.1	25.9	0.0
50°	344.4	257.6	179.8	113.3	64.9	27.3	0.0
47.5°	357.4	267.7	187.2	118.2	68.4	28.5	0.0
45°	372.0	276.6	193.7	123.0	71.8	29.7	0.0
42.5°	385.1	284.4	199.3	127.2	75.0	30.8	0.0
40°	396.5	291.0	204.4	131.9	78.0	31.9	0.0
37.5°	406.3	296.4	208.9	136.7	80.8	32.8	0.0
35°	414.4	302.4	212.6	141.0	83.4	33.7	0.0
32.5°	421.9	308.2	215.4	145.0	85.8	34.5	0.0
30°	430.2	312.7	217.4	148.6	87.9	35.2	0.0
27.5°	437.0	315.8	222.0	151.8	89.8	35.8	0.0
25°	442.2	317.7	226.5	154.5	91.5	36.4	0.0
22.5°	446.0	320.2	230.5	156.9	93.0	36.8	0.0
20°	448.1	326.0	233.9	158.8	94.3	37.2	0.0
17.5°	453.1	330.8	236.7	160.4	95.3	37.5	0.0
15°	459.2	334.6	238.9	161.5	96.1	37.7	0.0
12.5°	463.5	337.3	240.6	162.3	96.7	37.8	0.0
10°	466.3	339.0	241.7	162.6	97.0	37.9	0.0
7.5°	467.4	339.7	242.2	162.5	97.1	37.8	0.0
5°	466.9	339.4	242.1	162.1	96.9	37.7	0.0
2.5°	464.8	338.2	241.3	161.2	96.6	37.6	0.0
0°	461.3	336.0	240.0	160.0	96.0	37.3	0.0
-2.5°	464.8	338.2	241.3	161.2	96.6	37.6	0.0
-5°	466.9	339.4	242.1	162.1	96.9	37.7	0.0
-7.5°	467.4	339.7	242.2	162.5	97.1	37.8	0.0
-10°	466.3	339.0	241.7	162.6	97.0	37.9	0.0
-12.5°	463.5	337.3	240.6	162.3	96.7	37.8	0.0
-15°	459.2	334.6	238.9	161.5	96.1	37.7	0.0
-17.5°	453.1	330.8	236.7	160.4	95.3	37.5	0.0
-20°	448.1	326.0	233.9	158.8	94.3	37.2	0.0

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Scaled Data Report



REPORT NUMBER: P627713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	446.0	320.2	230.5	156.9	93.0	36.8	0.0
-25°	442.2	317.7	226.5	154.5	91.5	36.4	0.0
-27.5°	437.0	315.8	222.0	151.8	89.8	35.8	0.0
-30°	430.2	312.7	217.4	148.6	87.9	35.2	0.0
-32.5°	421.9	308.2	215.4	145.0	85.8	34.5	0.0
-35°	414.4	302.4	212.6	141.0	83.4	33.7	0.0
-37.5°	406.3	296.4	208.9	136.7	80.8	32.8	0.0
-40°	396.5	291.0	204.4	131.9	78.0	31.9	0.0
-42.5°	385.1	284.4	199.3	127.2	75.0	30.8	0.0
-45°	372.0	276.6	193.7	123.0	71.8	29.7	0.0
-47.5°	357.4	267.7	187.2	118.2	68.4	28.5	0.0
-50°	344.4	257.6	179.8	113.3	64.9	27.3	0.0
-52.5°	330.4	246.3	171.5	108.0	61.1	25.9	0.0
-55°	314.9	234.1	162.4	102.1	57.2	24.5	0.0
-57.5°	298.0	220.8	152.5	95.7	53.1	23.1	0.0
-60°	279.7	206.3	141.8	88.7	48.9	21.5	0.0
-62.5°	259.5	190.7	130.3	81.3	45.4	20.0	0.0
-65°	237.9	174.2	118.1	73.4	41.8	18.3	0.0
-67.5°	215.0	156.1	105.0	65.0	38.0	16.6	0.0
-70°	190.9	136.4	91.3	56.3	34.1	14.9	0.0
-72.5°	163.2	115.7	77.0	49.2	30.1	13.1	0.0
-75°	134.0	94.2	62.1	42.5	26.0	11.3	0.0
-77.5°	103.7	72.1	51.3	35.6	21.8	9.5	0.0
-80°	72.7	55.4	41.3	28.6	17.5	7.6	0.0
-82.5°	53.5	41.7	31.1	21.6	13.2	5.7	0.0
-85°	35.8	27.9	20.8	14.4	8.8	3.8	0.0
-87.5°	17.9	14.0	10.4	7.2	4.4	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)