

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: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627653 (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-SA5C-740-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N125
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

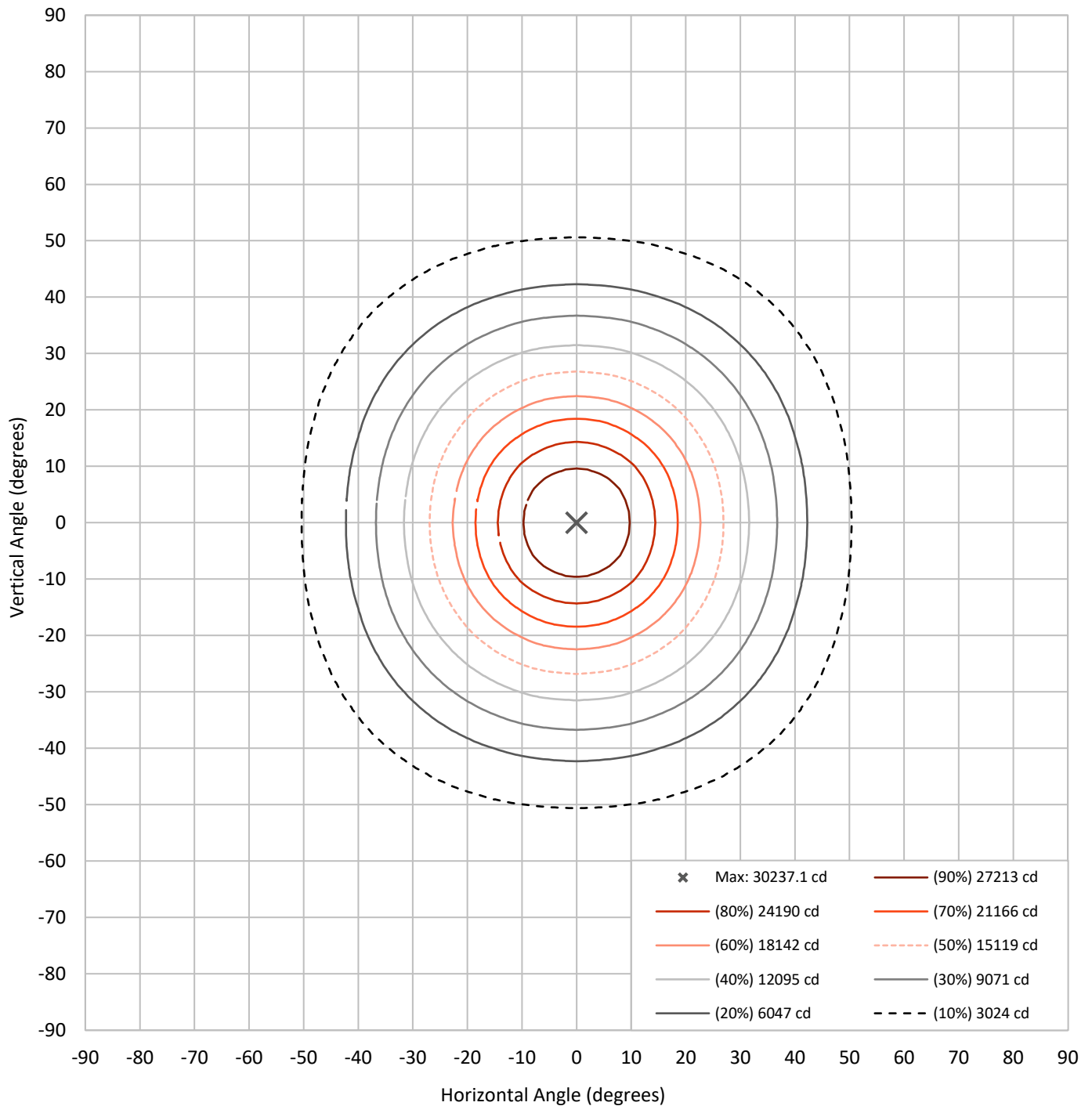
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	30774.3 lumens	Max Intensity:	30237.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	149.3 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:	14714.4 lumens	Field Lumens:	27159.4 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	206.1		
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





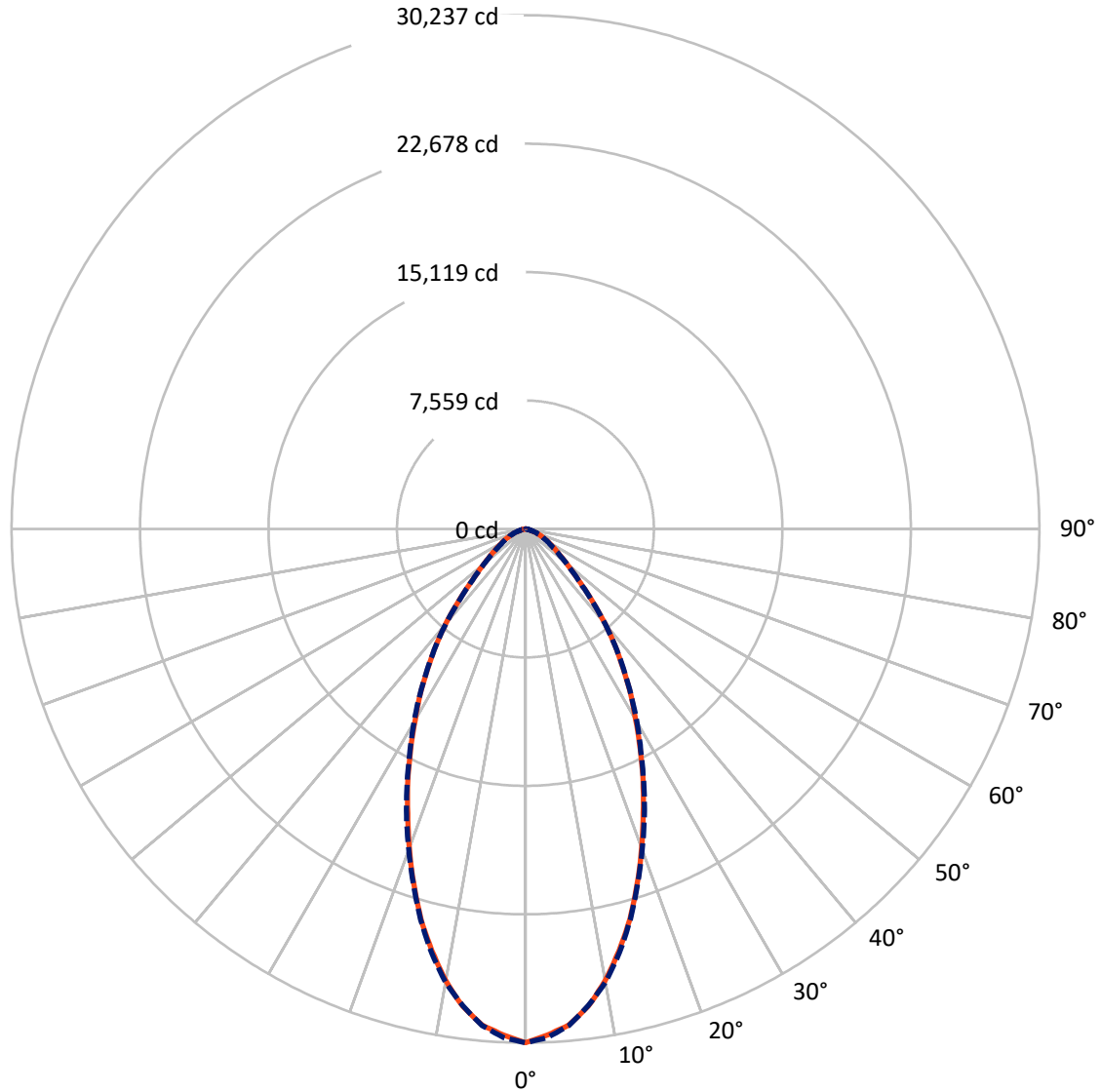
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Lumen Table

90																			
80	1.2	8.5		19.4		32.2		27.6		32.2		19.4		8.5		1.2			
70																			
60	4.0	4.7	8.8	14.1	20.5	26.6	31.3	33.5	33.5	31.3	26.6	20.5	14.1	8.8	4.7	4.0			
50		6.6	13.3	23.1	35.4	48.7	60.8	67.8	67.8	60.8	48.7	35.4	23.1	13.3	6.6				
40	5.9	8.5	18.4	34.5	58.1	89.3	123.1	145.7	145.7	123.1	89.3	58.1	34.5	18.4	8.5	5.9			
30		10.3	24.2	50.1	97.5	173.2	251.6	298.5	298.5	251.6	173.2	97.5	50.1	24.2	10.3				
20	7.0	12.0	30.1	70.1	157.7	283.4	405.6	484.8	484.8	405.6	283.4	157.7	70.1	30.1	12.0	7.0			
10		13.4	35.3	91.0	215.2	382.7	565.1	695.2	695.2	565.1	382.7	215.2	91.0	35.3	13.4				
0	7.3	14.0	38.2	104.5	247.8	445.0	677.1	851.5	851.5	677.1	445.0	247.8	104.5	38.2	14.0	7.3			
-10		14.0	38.2	104.5	247.8	445.0	677.1	851.5	851.5	677.1	445.0	247.8	104.5	38.2	14.0				
-20	7.0	13.4	35.3	91.0	215.2	382.7	565.1	695.2	695.2	565.1	382.7	215.2	91.0	35.3	13.4	7.0			
-30		12.0	30.1	70.1	157.7	283.4	405.6	484.8	484.8	405.6	283.4	157.7	70.1	30.1	12.0				
-40	5.9	10.3	24.2	50.1	97.5	173.2	251.6	298.5	298.5	251.6	173.2	97.5	50.1	24.2	10.3	5.9			
-50		8.5	18.4	34.5	58.1	89.3	123.1	145.7	145.7	123.1	89.3	58.1	34.5	18.4	8.5				
-60	4.0	6.6	13.3	23.1	35.4	48.7	60.8	67.8	67.8	60.8	48.7	35.4	23.1	13.3	6.6	4.0			
-70		4.7	8.8	14.1	20.5	26.6	31.3	33.5	33.5	31.3	26.6	20.5	14.1	8.8	4.7				
-80																			
-90	1.2	8.5		19.4		32.2		27.6		32.2		19.4		8.5		1.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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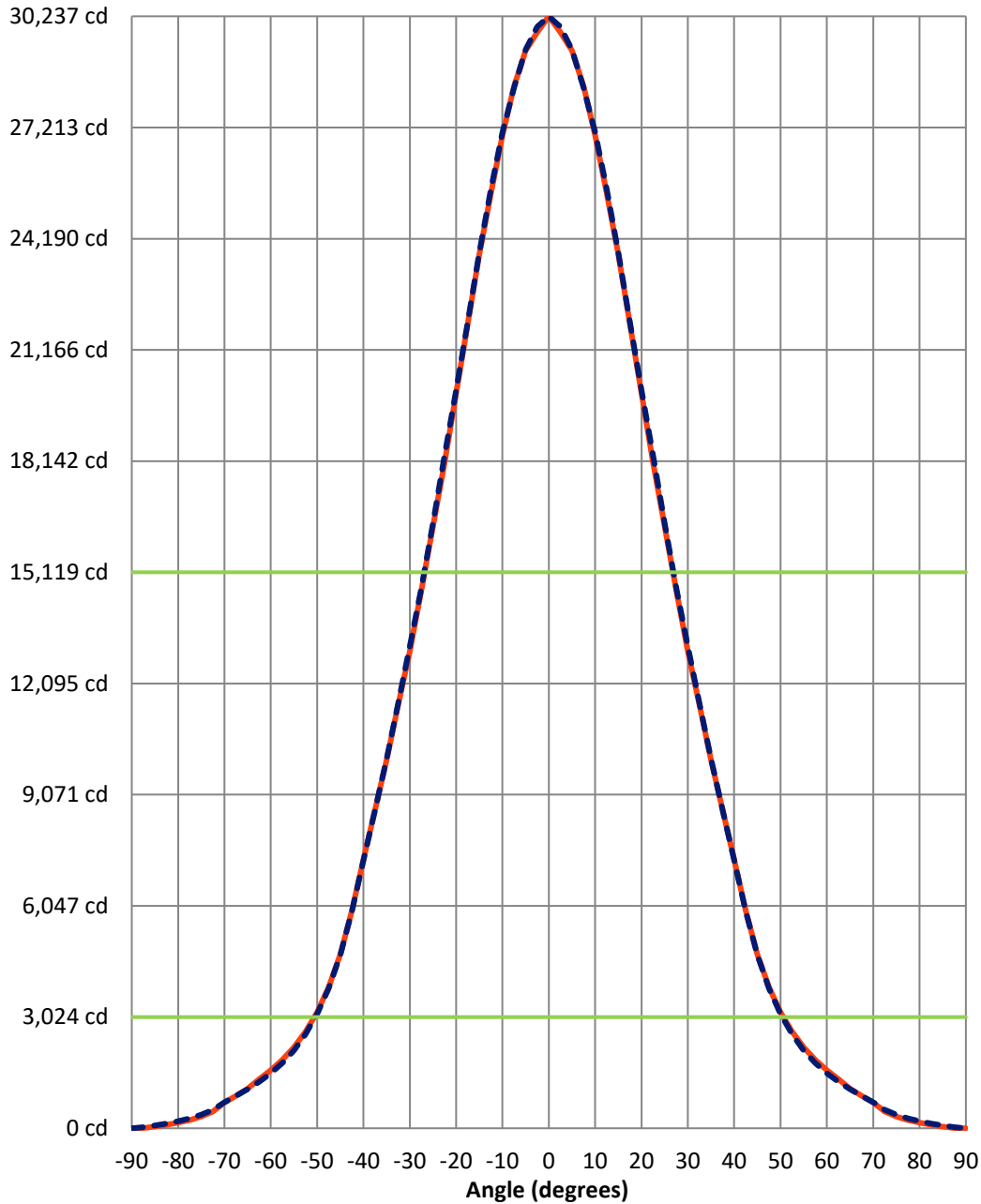
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 14714.4
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 27159.4
 Efficiency: 88.3%

Spill:
 Lumens: 3614.9
 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	1.5	3.5	5.8	8.3	11.2	14.4	15.9	17.2	18.2	19.0
85°	0.0	3.1	7.1	11.6	16.7	22.4	28.7	31.8	34.4	36.4	38.0
82.5°	0.0	4.6	10.6	17.3	24.9	33.5	42.9	47.8	52.6	61.0	68.4
80°	0.0	6.1	14.0	23.0	33.1	44.4	58.3	72.4	84.7	95.7	105.4
77.5°	0.0	7.6	17.4	28.5	41.1	57.8	83.2	101.5	116.7	130.4	144.0
75°	0.0	9.1	20.8	34.1	49.8	75.6	107.4	130.4	148.8	167.4	187.3
72.5°	0.0	10.5	24.1	39.4	61.7	92.8	130.8	158.9	180.9	204.6	229.9
70°	0.0	11.9	27.3	45.1	73.2	109.3	153.0	185.7	212.6	241.3	275.1
67.5°	0.0	13.3	30.4	52.1	84.2	125.1	172.3	212.0	243.5	279.2	319.7
65°	0.0	14.7	33.4	58.8	94.6	139.6	190.7	237.7	274.1	315.7	361.9
62.5°	0.0	16.0	36.3	65.1	104.5	152.9	208.0	262.1	303.4	350.7	401.2
60°	0.0	17.3	39.1	71.1	113.7	165.3	224.2	285.2	331.3	384.5	439.4
57.5°	0.0	18.5	42.5	76.7	122.2	176.9	238.8	305.9	359.6	417.3	474.5
55°	0.0	19.7	45.8	81.9	130.2	187.6	252.4	322.5	387.3	448.7	508.1
52.5°	0.0	20.8	49.0	86.6	137.5	197.4	264.7	340.5	413.9	478.6	541.0
50°	0.0	21.9	52.0	90.8	144.1	206.4	276.0	357.5	439.5	507.7	577.0
47.5°	0.0	22.9	54.8	94.8	150.0	214.5	286.4	372.9	464.8	536.1	612.4
45°	0.0	23.8	57.5	98.6	155.3	221.7	298.1	386.8	483.0	566.8	646.6
42.5°	0.0	24.7	60.1	102.0	159.8	227.9	308.6	400.4	499.6	596.4	682.1
40°	0.0	25.5	62.5	105.7	163.8	233.2	317.7	413.6	516.1	623.9	716.3
37.5°	0.0	26.3	64.8	109.5	167.4	237.5	325.6	425.6	534.1	645.6	748.8
35°	0.0	27.0	66.8	113.0	170.4	242.4	332.1	436.2	551.4	669.4	782.1
32.5°	0.0	27.6	68.7	116.2	172.6	247.0	338.1	445.5	567.8	693.7	816.2
30°	0.0	28.2	70.4	119.1	174.2	250.5	344.7	454.6	583.3	718.1	848.2
27.5°	0.0	28.7	72.0	121.6	177.9	253.1	350.2	465.9	599.5	742.7	878.2
25°	0.0	29.1	73.4	123.8	181.5	254.6	354.4	476.0	617.6	766.7	906.3
22.5°	0.0	29.5	74.5	125.7	184.7	256.6	357.4	484.8	635.0	788.8	937.0
20°	0.0	29.8	75.5	127.3	187.4	261.3	359.2	492.3	651.2	808.7	964.5
17.5°	0.0	30.1	76.4	128.5	189.7	265.1	363.2	498.4	666.2	826.2	988.6
15°	0.0	30.2	77.0	129.4	191.5	268.1	368.0	504.1	679.7	841.3	1009.3
12.5°	0.0	30.3	77.4	130.0	192.8	270.3	371.5	509.2	691.1	853.8	1026.6
10°	0.0	30.4	77.7	130.3	193.7	271.7	373.7	512.1	700.0	864.3	1040.6
7.5°	0.0	30.3	77.8	130.2	194.1	272.3	374.6	512.7	706.2	872.5	1051.5
5°	0.0	30.3	77.7	129.9	194.0	272.0	374.2	511.2	709.6	878.0	1058.7
2.5°	0.0	30.1	77.4	129.2	193.4	271.1	372.6	507.7	710.1	880.7	1062.3
0°	0.0	29.9	76.9	128.2	192.3	269.3	369.7	502.2	707.4	880.5	1062.1
-2.5°	0.0	30.1	77.4	129.2	193.4	271.1	372.6	507.7	710.1	880.7	1062.3
-5°	0.0	30.3	77.7	129.9	194.0	272.0	374.2	511.2	709.6	878.0	1058.7
-7.5°	0.0	30.3	77.8	130.2	194.1	272.3	374.6	512.7	706.2	872.5	1051.5
-10°	0.0	30.4	77.7	130.3	193.7	271.7	373.7	512.1	700.0	864.3	1040.6
-12.5°	0.0	30.3	77.4	130.0	192.8	270.3	371.5	509.2	691.1	853.8	1026.6
-15°	0.0	30.2	77.0	129.4	191.5	268.1	368.0	504.1	679.7	841.3	1009.3
-17.5°	0.0	30.1	76.4	128.5	189.7	265.1	363.2	498.4	666.2	826.2	988.6
-20°	0.0	29.8	75.5	127.3	187.4	261.3	359.2	492.3	651.2	808.7	964.5

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5C-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	29.5	74.5	125.7	184.7	256.6	357.4	484.8	635.0	788.8	937.0
-25°	0.0	29.1	73.4	123.8	181.5	254.6	354.4	476.0	617.6	766.7	906.3
-27.5°	0.0	28.7	72.0	121.6	177.9	253.1	350.2	465.9	599.5	742.7	878.2
-30°	0.0	28.2	70.4	119.1	174.2	250.5	344.7	454.6	583.3	718.1	848.2
-32.5°	0.0	27.6	68.7	116.2	172.6	247.0	338.1	445.5	567.8	693.7	816.2
-35°	0.0	27.0	66.8	113.0	170.4	242.4	332.1	436.2	551.4	669.4	782.1
-37.5°	0.0	26.3	64.8	109.5	167.4	237.5	325.6	425.6	534.1	645.6	748.8
-40°	0.0	25.5	62.5	105.7	163.8	233.2	317.7	413.6	516.1	623.9	716.3
-42.5°	0.0	24.7	60.1	102.0	159.8	227.9	308.6	400.4	499.6	596.4	682.1
-45°	0.0	23.8	57.5	98.6	155.3	221.7	298.1	386.8	483.0	566.8	646.6
-47.5°	0.0	22.9	54.8	94.8	150.0	214.5	286.4	372.9	464.8	536.1	612.4
-50°	0.0	21.9	52.0	90.8	144.1	206.4	276.0	357.5	439.5	507.7	577.0
-52.5°	0.0	20.8	49.0	86.6	137.5	197.4	264.7	340.5	413.9	478.6	541.0
-55°	0.0	19.7	45.8	81.9	130.2	187.6	252.4	322.5	387.3	448.7	508.1
-57.5°	0.0	18.5	42.5	76.7	122.2	176.9	238.8	305.9	359.6	417.3	474.5
-60°	0.0	17.3	39.1	71.1	113.7	165.3	224.2	285.2	331.3	384.5	439.4
-62.5°	0.0	16.0	36.3	65.1	104.5	152.9	208.0	262.1	303.4	350.7	401.2
-65°	0.0	14.7	33.4	58.8	94.6	139.6	190.7	237.7	274.1	315.7	361.9
-67.5°	0.0	13.3	30.4	52.1	84.2	125.1	172.3	212.0	243.5	279.2	319.7
-70°	0.0	11.9	27.3	45.1	73.2	109.3	153.0	185.7	212.6	241.3	275.1
-72.5°	0.0	10.5	24.1	39.4	61.7	92.8	130.8	158.9	180.9	204.6	229.9
-75°	0.0	9.1	20.8	34.1	49.8	75.6	107.4	130.4	148.8	167.4	187.3
-77.5°	0.0	7.6	17.4	28.5	41.1	57.8	83.2	101.5	116.7	130.4	144.0
-80°	0.0	6.1	14.0	23.0	33.1	44.4	58.3	72.4	84.7	95.7	105.4
-82.5°	0.0	4.6	10.6	17.3	24.9	33.5	42.9	47.8	52.6	61.0	68.4
-85°	0.0	3.1	7.1	11.6	16.7	22.4	28.7	31.8	34.4	36.4	38.0
-87.5°	0.0	1.5	3.5	5.8	8.3	11.2	14.4	15.9	17.2	18.2	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



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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°	19.3	19.3	19.0	18.4	17.6	16.5	15.2	13.6	14.2	14.7	15.2
85°	38.6	38.6	41.8	44.7	46.1	46.2	45.3	43.3	49.0	55.4	62.3
82.5°	75.2	81.8	87.9	93.7	94.3	92.8	89.9	86.6	98.0	111.9	126.3
80°	115.3	124.9	136.0	146.4	148.8	147.7	144.6	139.3	154.4	175.7	198.7
77.5°	160.0	175.3	189.5	202.6	206.4	205.9	203.5	199.3	218.4	247.9	278.6
75°	207.2	225.7	244.0	260.1	267.0	267.6	266.8	271.4	296.6	331.1	361.6
72.5°	256.4	279.9	300.6	318.4	329.4	337.9	349.1	362.8	388.3	422.2	452.1
70°	308.3	334.5	356.3	376.0	392.9	411.4	435.1	458.5	485.4	519.2	550.3
67.5°	359.6	386.2	410.8	434.9	465.8	495.4	524.9	555.5	589.4	624.9	656.4
65°	407.2	437.2	467.2	502.3	542.5	576.0	612.3	652.2	696.5	736.6	773.0
62.5°	452.8	486.6	523.8	566.2	609.7	651.7	700.4	751.6	803.4	853.7	903.5
60°	491.4	533.4	578.5	626.5	676.7	733.8	790.9	851.8	913.8	974.3	1035.9
57.5°	528.4	580.4	632.4	688.2	750.8	816.1	884.7	953.4	1027.4	1100.5	1170.4
55°	566.8	628.1	687.3	753.4	825.1	901.9	979.3	1062.6	1144.3	1236.4	1321.4
52.5°	608.0	674.6	744.1	819.8	903.6	990.1	1080.9	1176.3	1278.1	1380.5	1484.3
50°	648.0	723.2	800.5	891.1	984.8	1083.7	1188.5	1299.6	1418.1	1536.6	1662.3
47.5°	689.9	770.1	864.6	963.1	1070.3	1182.8	1301.5	1433.7	1565.4	1714.6	1858.8
45°	731.2	823.5	926.1	1040.4	1158.1	1284.8	1426.0	1571.2	1739.3	1907.9	2097.3
42.5°	770.9	877.4	993.1	1115.2	1249.2	1394.9	1551.1	1733.7	1923.2	2131.9	2354.2
40°	816.5	928.8	1059.1	1195.6	1340.9	1507.3	1695.3	1898.0	2129.2	2376.4	2629.0
37.5°	860.7	986.8	1124.3	1272.4	1440.9	1628.4	1836.0	2084.4	2351.2	2632.3	2975.9
35°	902.2	1042.0	1191.4	1353.6	1536.2	1753.4	2001.7	2276.2	2583.7	2946.2	3347.1
32.5°	946.2	1094.3	1254.7	1436.8	1643.4	1880.8	2162.7	2485.9	2849.7	3262.5	3764.1
30°	990.6	1148.1	1317.7	1514.7	1744.5	2019.2	2339.6	2696.8	3115.3	3633.0	4221.9
27.5°	1031.6	1198.4	1384.1	1597.1	1842.9	2146.8	2509.5	2928.2	3421.3	4006.4	4694.2
25°	1069.3	1244.2	1445.3	1675.7	1951.3	2284.7	2678.0	3141.5	3727.4	4425.1	5271.3
22.5°	1105.2	1286.0	1500.5	1746.4	2049.0	2418.1	2860.7	3391.2	4038.8	4821.8	5836.7
20°	1138.9	1331.1	1555.3	1814.0	2136.3	2538.6	3028.7	3624.2	4361.2	5288.1	6391.1
17.5°	1168.6	1370.9	1607.2	1887.0	2233.6	2661.0	3187.2	3830.0	4648.2	5704.6	6902.6
15°	1194.0	1405.2	1652.0	1950.3	2321.2	2782.6	3353.5	4055.6	4947.6	6083.4	7351.8
12.5°	1215.2	1433.9	1689.7	2003.6	2394.9	2885.5	3495.5	4256.7	5239.2	6440.1	7746.1
10°	1232.1	1456.9	1720.1	2046.6	2454.2	2969.0	3612.6	4421.2	5481.8	6745.8	8079.7
7.5°	1246.2	1474.9	1743.4	2079.2	2499.1	3032.8	3703.7	4548.1	5671.4	6988.0	8335.7
5°	1256.2	1487.8	1761.1	2102.0	2532.1	3077.3	3767.4	4636.9	5806.3	7163.4	8510.7
2.5°	1261.9	1494.8	1771.2	2114.2	2552.3	3102.6	3800.9	4692.7	5880.4	7263.6	8616.5
0°	1263.0	1495.9	1773.7	2115.7	2558.0	3107.3	3806.1	4710.1	5896.1	7289.5	8655.0
-2.5°	1261.9	1494.8	1771.2	2114.2	2552.3	3102.6	3800.9	4692.7	5880.4	7263.6	8616.5
-5°	1256.2	1487.8	1761.1	2102.0	2532.1	3077.3	3767.4	4636.9	5806.3	7163.4	8510.7
-7.5°	1246.2	1474.9	1743.4	2079.2	2499.1	3032.8	3703.7	4548.1	5671.4	6988.0	8335.7
-10°	1232.1	1456.9	1720.1	2046.6	2454.2	2969.0	3612.6	4421.2	5481.8	6745.8	8079.7
-12.5°	1215.2	1433.9	1689.7	2003.6	2394.9	2885.5	3495.5	4256.7	5239.2	6440.1	7746.1
-15°	1194.0	1405.2	1652.0	1950.3	2321.2	2782.6	3353.5	4055.6	4947.6	6083.4	7351.8
-17.5°	1168.6	1370.9	1607.2	1887.0	2233.6	2661.0	3187.2	3830.0	4648.2	5704.6	6902.6
-20°	1138.9	1331.1	1555.3	1814.0	2136.3	2538.6	3028.7	3624.2	4361.2	5288.1	6391.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	1105.2	1286.0	1500.5	1746.4	2049.0	2418.1	2860.7	3391.2	4038.8	4821.8	5836.7
-25°	1069.3	1244.2	1445.3	1675.7	1951.3	2284.7	2678.0	3141.5	3727.4	4425.1	5271.3
-27.5°	1031.6	1198.4	1384.1	1597.1	1842.9	2146.8	2509.5	2928.2	3421.3	4006.4	4694.2
-30°	990.6	1148.1	1317.7	1514.7	1744.5	2019.2	2339.6	2696.8	3115.3	3633.0	4221.9
-32.5°	946.2	1094.3	1254.7	1436.8	1643.4	1880.8	2162.7	2485.9	2849.7	3262.5	3764.1
-35°	902.2	1042.0	1191.4	1353.6	1536.2	1753.4	2001.7	2276.2	2583.7	2946.2	3347.1
-37.5°	860.7	986.8	1124.3	1272.4	1440.9	1628.4	1836.0	2084.4	2351.2	2632.3	2975.9
-40°	816.5	928.8	1059.1	1195.6	1340.9	1507.3	1695.3	1898.0	2129.2	2376.4	2629.0
-42.5°	770.9	877.4	993.1	1115.2	1249.2	1394.9	1551.1	1733.7	1923.2	2131.9	2354.2
-45°	731.2	823.5	926.1	1040.4	1158.1	1284.8	1426.0	1571.2	1739.3	1907.9	2097.3
-47.5°	689.9	770.1	864.6	963.1	1070.3	1182.8	1301.5	1433.7	1565.4	1714.6	1858.8
-50°	648.0	723.2	800.5	891.1	984.8	1083.7	1188.5	1299.6	1418.1	1536.6	1662.3
-52.5°	608.0	674.6	744.1	819.8	903.6	990.1	1080.9	1176.3	1278.1	1380.5	1484.3
-55°	566.8	628.1	687.3	753.4	825.1	901.9	979.3	1062.6	1144.3	1236.4	1321.4
-57.5°	528.4	580.4	632.4	688.2	750.8	816.1	884.7	953.4	1027.4	1100.5	1170.4
-60°	491.4	533.4	578.5	626.5	676.7	733.8	790.9	851.8	913.8	974.3	1035.9
-62.5°	452.8	486.6	523.8	566.2	609.7	651.7	700.4	751.6	803.4	853.7	903.5
-65°	407.2	437.2	467.2	502.3	542.5	576.0	612.3	652.2	696.5	736.6	773.0
-67.5°	359.6	386.2	410.8	434.9	465.8	495.4	524.9	555.5	589.4	624.9	656.4
-70°	308.3	334.5	356.3	376.0	392.9	411.4	435.1	458.5	485.4	519.2	550.3
-72.5°	256.4	279.9	300.6	318.4	329.4	337.9	349.1	362.8	388.3	422.2	452.1
-75°	207.2	225.7	244.0	260.1	267.0	267.6	266.8	271.4	296.6	331.1	361.6
-77.5°	160.0	175.3	189.5	202.6	206.4	205.9	203.5	199.3	218.4	247.9	278.6
-80°	115.3	124.9	136.0	146.4	148.8	147.7	144.6	139.3	154.4	175.7	198.7
-82.5°	75.2	81.8	87.9	93.7	94.3	92.8	89.9	86.6	98.0	111.9	126.3
-85°	38.6	38.6	41.8	44.7	46.1	46.2	45.3	43.3	49.0	55.4	62.3
-87.5°	19.3	19.3	19.0	18.4	17.6	16.5	15.2	13.6	14.2	14.7	15.2
-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: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	15.7	15.3	14.8	14.2	13.6	13.4	13.1	12.7	12.4	11.5	10.5
85°	69.5	71.1	71.9	72.3	72.4	74.7	76.8	78.8	80.5	73.0	64.7
82.5°	141.3	148.0	153.8	159.6	165.3	169.2	172.2	174.3	175.7	159.0	140.3
80°	222.5	236.4	247.9	258.9	269.5	272.1	272.1	270.6	267.7	245.0	219.2
77.5°	309.4	327.6	342.1	356.4	370.5	375.7	378.3	380.2	381.5	353.4	318.6
75°	388.2	410.0	430.2	449.0	466.4	475.6	481.1	485.5	488.9	460.6	423.4
72.5°	478.1	501.2	523.1	543.9	562.3	574.5	582.5	589.0	594.1	578.0	554.7
70°	577.0	600.8	623.9	645.6	666.4	682.8	695.7	706.8	716.1	717.8	717.1
67.5°	686.7	714.9	742.4	766.1	790.8	813.9	834.3	851.2	864.7	873.6	878.6
65°	809.9	852.2	889.9	921.8	948.5	979.4	1006.7	1027.5	1042.1	1053.3	1062.8
62.5°	955.1	1006.4	1049.4	1092.0	1135.9	1178.5	1205.2	1232.0	1258.1	1282.8	1303.9
60°	1094.8	1151.1	1209.3	1263.7	1314.0	1360.2	1408.1	1450.5	1487.6	1518.6	1541.7
57.5°	1243.8	1312.2	1378.5	1447.4	1512.4	1572.9	1632.0	1686.6	1733.7	1773.4	1805.8
55°	1405.4	1489.1	1567.9	1655.4	1740.3	1817.7	1888.9	1961.9	2027.8	2085.7	2131.6
52.5°	1579.7	1688.5	1792.8	1895.6	2005.6	2104.8	2193.7	2295.0	2384.7	2458.9	2516.7
50°	1787.8	1915.6	2053.3	2180.7	2319.4	2456.1	2582.0	2704.1	2823.4	2926.6	3010.1
47.5°	2024.7	2182.0	2352.6	2521.5	2693.7	2880.5	3047.1	3202.0	3368.9	3513.7	3629.9
45°	2288.0	2488.6	2694.6	2932.0	3150.7	3390.7	3612.7	3812.2	4048.8	4257.3	4425.1
42.5°	2580.2	2847.4	3118.3	3417.3	3707.5	4012.1	4335.7	4622.7	4936.5	5235.7	5477.5
40°	2942.3	3261.7	3624.5	3986.5	4402.9	4794.1	5265.5	5693.9	6082.9	6439.7	6732.1
37.5°	3344.7	3755.9	4211.7	4683.1	5253.0	5811.5	6363.3	6884.3	7344.1	7734.6	8062.2
35°	3801.5	4324.0	4876.1	5564.4	6232.0	6901.0	7524.2	8093.6	8593.8	9034.3	9408.9
32.5°	4327.0	4954.1	5727.0	6500.2	7261.8	7998.3	8682.5	9303.5	9852.1	10346.7	10777.5
30°	4879.5	5735.2	6602.6	7450.9	8282.6	9089.4	9840.3	10524.3	11144.1	11694.7	12191.1
27.5°	5581.5	6529.8	7475.7	8390.0	9305.1	10188.0	11001.9	11761.7	12473.0	13095.3	13662.6
25°	6260.6	7308.1	8313.6	9310.6	10306.7	11254.7	12164.7	13022.9	13837.5	14551.7	15185.1
22.5°	6939.5	8036.0	9110.5	10182.4	11252.4	12309.3	13331.0	14314.3	15225.2	16038.6	16751.6
20°	7568.3	8714.6	9863.6	11019.2	12179.0	13335.9	14483.4	15590.0	16604.9	17543.9	18369.1
17.5°	8132.1	9351.1	10569.4	11805.4	13062.8	14318.7	15593.5	16833.9	17994.2	19062.6	20019.9
15°	8631.3	9903.4	11211.7	12545.6	13895.7	15259.7	16650.7	18038.5	19344.6	20558.2	21626.9
12.5°	9067.9	10390.3	11761.6	13178.8	14644.2	16130.1	17648.2	19169.5	20615.4	22016.4	23170.4
10°	9428.0	10804.4	12237.7	13726.8	15272.2	16871.4	18500.1	20137.7	21730.7	23216.9	24536.6
7.5°	9706.2	11134.1	12611.0	14159.9	15781.2	17467.6	19192.9	20930.7	22630.6	24232.1	25692.3
5°	9902.4	11374.1	12869.6	14480.7	16158.3	17906.0	19699.1	21510.0	23287.2	24971.0	26484.3
2.5°	10016.3	11518.2	13020.1	14675.7	16382.6	18171.2	20013.0	21853.7	23677.7	25424.2	26979.2
0°	10046.3	11561.4	13106.5	14696.5	16453.1	18295.3	20071.2	21917.6	23813.1	25535.6	27084.9
-2.5°	10016.3	11518.2	13020.1	14675.7	16382.6	18171.2	20013.0	21853.7	23677.7	25424.2	26979.2
-5°	9902.4	11374.1	12869.6	14480.7	16158.3	17906.0	19699.1	21510.0	23287.2	24971.0	26484.3
-7.5°	9706.2	11134.1	12611.0	14159.9	15781.2	17467.6	19192.9	20930.7	22630.6	24232.1	25692.3
-10°	9428.0	10804.4	12237.7	13726.8	15272.2	16871.4	18500.1	20137.7	21730.7	23216.9	24536.6
-12.5°	9067.9	10390.3	11761.6	13178.8	14644.2	16130.1	17648.2	19169.5	20615.4	22016.4	23170.4
-15°	8631.3	9903.4	11211.7	12545.6	13895.7	15259.7	16650.7	18038.5	19344.6	20558.2	21626.9
-17.5°	8132.1	9351.1	10569.4	11805.4	13062.8	14318.7	15593.5	16833.9	17994.2	19062.6	20019.9
-20°	7568.3	8714.6	9863.6	11019.2	12179.0	13335.9	14483.4	15590.0	16604.9	17543.9	18369.1



REPORT NUMBER: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	6939.5	8036.0	9110.5	10182.4	11252.4	12309.3	13331.0	14314.3	15225.2	16038.6	16751.6
-25°	6260.6	7308.1	8313.6	9310.6	10306.7	11254.7	12164.7	13022.9	13837.5	14551.7	15185.1
-27.5°	5581.5	6529.8	7475.7	8390.0	9305.1	10188.0	11001.9	11761.7	12473.0	13095.3	13662.6
-30°	4879.5	5735.2	6602.6	7450.9	8282.6	9089.4	9840.3	10524.3	11144.1	11694.7	12191.1
-32.5°	4327.0	4954.1	5727.0	6500.2	7261.8	7998.3	8682.5	9303.5	9852.1	10346.7	10777.5
-35°	3801.5	4324.0	4876.1	5564.4	6232.0	6901.0	7524.2	8093.6	8593.8	9034.3	9408.9
-37.5°	3344.7	3755.9	4211.7	4683.1	5253.0	5811.5	6363.3	6884.3	7344.1	7734.6	8062.2
-40°	2942.3	3261.7	3624.5	3986.5	4402.9	4794.1	5265.5	5693.9	6082.9	6439.7	6732.1
-42.5°	2580.2	2847.4	3118.3	3417.3	3707.5	4012.1	4335.7	4622.7	4936.5	5235.7	5477.5
-45°	2288.0	2488.6	2694.6	2932.0	3150.7	3390.7	3612.7	3812.2	4048.8	4257.3	4425.1
-47.5°	2024.7	2182.0	2352.6	2521.5	2693.7	2880.5	3047.1	3202.0	3368.9	3513.7	3629.9
-50°	1787.8	1915.6	2053.3	2180.7	2319.4	2456.1	2582.0	2704.1	2823.4	2926.6	3010.1
-52.5°	1579.7	1688.5	1792.8	1895.6	2005.6	2104.8	2193.7	2295.0	2384.7	2458.9	2516.7
-55°	1405.4	1489.1	1567.9	1655.4	1740.3	1817.7	1888.9	1961.9	2027.8	2085.7	2131.6
-57.5°	1243.8	1312.2	1378.5	1447.4	1512.4	1572.9	1632.0	1686.6	1733.7	1773.4	1805.8
-60°	1094.8	1151.1	1209.3	1263.7	1314.0	1360.2	1408.1	1450.5	1487.6	1518.6	1541.7
-62.5°	955.1	1006.4	1049.4	1092.0	1135.9	1178.5	1205.2	1232.0	1258.1	1282.8	1303.9
-65°	809.9	852.2	889.9	921.8	948.5	979.4	1006.7	1027.5	1042.1	1053.3	1062.8
-67.5°	686.7	714.9	742.4	766.1	790.8	813.9	834.3	851.2	864.7	873.6	878.6
-70°	577.0	600.8	623.9	645.6	666.4	682.8	695.7	706.8	716.1	717.8	717.1
-72.5°	478.1	501.2	523.1	543.9	562.3	574.5	582.5	589.0	594.1	578.0	554.7
-75°	388.2	410.0	430.2	449.0	466.4	475.6	481.1	485.5	488.9	460.6	423.4
-77.5°	309.4	327.6	342.1	356.4	370.5	375.7	378.3	380.2	381.5	353.4	318.6
-80°	222.5	236.4	247.9	258.9	269.5	272.1	272.1	270.6	267.7	245.0	219.2
-82.5°	141.3	148.0	153.8	159.6	165.3	169.2	172.2	174.3	175.7	159.0	140.3
-85°	69.5	71.1	71.9	72.3	72.4	74.7	76.8	78.8	80.5	73.0	64.7
-87.5°	15.7	15.3	14.8	14.2	13.6	13.4	13.1	12.7	12.4	11.5	10.5
-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: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	9.5	8.5	7.4	6.4	7.4	8.5	9.5	10.5	11.5	12.4	12.7
85°	55.9	46.8	45.9	44.9	45.9	46.8	55.9	64.7	73.0	80.5	78.8
82.5°	120.6	100.2	97.1	94.0	97.1	100.2	120.6	140.3	159.0	175.7	174.3
80°	192.3	164.5	159.1	153.9	159.1	164.5	192.3	219.2	245.0	267.7	270.6
77.5°	282.1	244.0	232.9	222.3	232.9	244.0	282.1	318.6	353.4	381.5	380.2
75°	384.7	344.7	331.1	318.4	331.1	344.7	384.7	423.4	460.6	488.9	485.5
72.5°	531.2	506.8	482.2	455.2	482.2	506.8	531.2	554.7	578.0	594.1	589.0
70°	716.3	714.6	708.4	698.8	708.4	714.6	716.3	717.1	717.8	716.1	706.8
67.5°	880.7	880.0	882.2	882.6	882.2	880.0	880.7	878.6	873.6	864.7	851.2
65°	1068.7	1070.7	1075.1	1077.1	1075.1	1070.7	1068.7	1062.8	1053.3	1042.1	1027.5
62.5°	1320.0	1330.9	1336.3	1335.7	1336.3	1330.9	1320.0	1303.9	1282.8	1258.1	1232.0
60°	1559.0	1570.3	1577.5	1579.3	1577.5	1570.3	1559.0	1541.7	1518.6	1487.6	1450.5
57.5°	1831.5	1850.1	1860.0	1861.4	1860.0	1850.1	1831.5	1805.8	1773.4	1733.7	1686.6
55°	2166.8	2191.4	2202.4	2201.2	2202.4	2191.4	2166.8	2131.6	2085.7	2027.8	1961.9
52.5°	2560.4	2590.3	2612.8	2626.4	2612.8	2590.3	2560.4	2516.7	2458.9	2384.7	2295.0
50°	3072.8	3115.8	3143.1	3154.3	3143.1	3115.8	3072.8	3010.1	2926.6	2823.4	2704.1
47.5°	3713.9	3770.8	3813.0	3842.4	3813.0	3770.8	3713.9	3629.9	3513.7	3368.9	3202.0
45°	4549.0	4635.9	4694.8	4729.3	4694.8	4635.9	4549.0	4425.1	4257.3	4048.8	3812.2
42.5°	5666.4	5801.1	5883.7	5915.3	5883.7	5801.1	5666.4	5477.5	5235.7	4936.5	4622.7
40°	6963.0	7124.9	7231.1	7304.4	7231.1	7124.9	6963.0	6732.1	6439.7	6082.9	5693.9
37.5°	8313.5	8483.5	8586.9	8657.2	8586.9	8483.5	8313.5	8062.2	7734.6	7344.1	6884.3
35°	9691.4	9869.3	9966.3	10020.6	9966.3	9869.3	9691.4	9408.9	9034.3	8593.8	8093.6
32.5°	11105.9	11301.9	11407.4	11516.5	11407.4	11301.9	11105.9	10777.5	10346.7	9852.1	9303.5
30°	12583.2	12808.3	12918.7	12971.9	12918.7	12808.3	12583.2	12191.1	11694.7	11144.1	10524.3
27.5°	14120.5	14401.0	14539.2	14630.2	14539.2	14401.0	14120.5	13662.6	13095.3	12473.0	11761.7
25°	15720.1	16067.7	16226.0	16367.6	16226.0	16067.7	15720.1	15185.1	14551.7	13837.5	13022.9
22.5°	17379.7	17812.6	17995.9	18096.5	17995.9	17812.6	17379.7	16751.6	16038.6	15225.2	14314.3
20°	19082.6	19599.9	19854.6	19985.7	19854.6	19599.9	19082.6	18369.1	17543.9	16604.9	15590.0
17.5°	20824.0	21467.5	21797.0	21872.7	21797.0	21467.5	20824.0	20019.9	19062.6	17994.2	16833.9
15°	22533.5	23229.5	23619.1	23761.8	23619.1	23229.5	22533.5	21626.9	20558.2	19344.6	18038.5
12.5°	24152.4	24873.8	25339.4	25422.3	25339.4	24873.8	24152.4	23170.4	22016.4	20615.4	19169.5
10°	25620.8	26368.1	26882.3	26999.5	26882.3	26368.1	25620.8	24536.6	23216.9	21730.7	20137.7
7.5°	26848.3	27668.3	28236.3	28335.1	28236.3	27668.3	26848.3	25692.3	24232.1	22630.6	20930.7
5°	27746.4	28719.9	29186.1	29303.2	29186.1	28719.9	27746.4	26484.3	24971.0	23287.2	21510.0
2.5°	28239.0	29230.1	29878.1	29803.3	29878.1	29230.1	28239.0	26979.2	25424.2	23677.7	21853.7
0°	28294.5	29331.0	29950.7	30237.1	29950.7	29331.0	28294.5	27084.9	25535.6	23813.1	21917.6
-2.5°	28239.0	29230.1	29878.1	29803.3	29878.1	29230.1	28239.0	26979.2	25424.2	23677.7	21853.7
-5°	27746.4	28719.9	29186.1	29303.2	29186.1	28719.9	27746.4	26484.3	24971.0	23287.2	21510.0
-7.5°	26848.3	27668.3	28236.3	28335.1	28236.3	27668.3	26848.3	25692.3	24232.1	22630.6	20930.7
-10°	25620.8	26368.1	26882.3	26999.5	26882.3	26368.1	25620.8	24536.6	23216.9	21730.7	20137.7
-12.5°	24152.4	24873.8	25339.4	25422.3	25339.4	24873.8	24152.4	23170.4	22016.4	20615.4	19169.5
-15°	22533.5	23229.5	23619.1	23761.8	23619.1	23229.5	22533.5	21626.9	20558.2	19344.6	18038.5
-17.5°	20824.0	21467.5	21797.0	21872.7	21797.0	21467.5	20824.0	20019.9	19062.6	17994.2	16833.9
-20°	19082.6	19599.9	19854.6	19985.7	19854.6	19599.9	19082.6	18369.1	17543.9	16604.9	15590.0



REPORT NUMBER: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	17379.7	17812.6	17995.9	18096.5	17995.9	17812.6	17379.7	16751.6	16038.6	15225.2	14314.3
-25°	15720.1	16067.7	16226.0	16367.6	16226.0	16067.7	15720.1	15185.1	14551.7	13837.5	13022.9
-27.5°	14120.5	14401.0	14539.2	14630.2	14539.2	14401.0	14120.5	13662.6	13095.3	12473.0	11761.7
-30°	12583.2	12808.3	12918.7	12971.9	12918.7	12808.3	12583.2	12191.1	11694.7	11144.1	10524.3
-32.5°	11105.9	11301.9	11407.4	11516.5	11407.4	11301.9	11105.9	10777.5	10346.7	9852.1	9303.5
-35°	9691.4	9869.3	9966.3	10020.6	9966.3	9869.3	9691.4	9408.9	9034.3	8593.8	8093.6
-37.5°	8313.5	8483.5	8586.9	8657.2	8586.9	8483.5	8313.5	8062.2	7734.6	7344.1	6884.3
-40°	6963.0	7124.9	7231.1	7304.4	7231.1	7124.9	6963.0	6732.1	6439.7	6082.9	5693.9
-42.5°	5666.4	5801.1	5883.7	5915.3	5883.7	5801.1	5666.4	5477.5	5235.7	4936.5	4622.7
-45°	4549.0	4635.9	4694.8	4729.3	4694.8	4635.9	4549.0	4425.1	4257.3	4048.8	3812.2
-47.5°	3713.9	3770.8	3813.0	3842.4	3813.0	3770.8	3713.9	3629.9	3513.7	3368.9	3202.0
-50°	3072.8	3115.8	3143.1	3154.3	3143.1	3115.8	3072.8	3010.1	2926.6	2823.4	2704.1
-52.5°	2560.4	2590.3	2612.8	2626.4	2612.8	2590.3	2560.4	2516.7	2458.9	2384.7	2295.0
-55°	2166.8	2191.4	2202.4	2201.2	2202.4	2191.4	2166.8	2131.6	2085.7	2027.8	1961.9
-57.5°	1831.5	1850.1	1860.0	1861.4	1860.0	1850.1	1831.5	1805.8	1773.4	1733.7	1686.6
-60°	1559.0	1570.3	1577.5	1579.3	1577.5	1570.3	1559.0	1541.7	1518.6	1487.6	1450.5
-62.5°	1320.0	1330.9	1336.3	1335.7	1336.3	1330.9	1320.0	1303.9	1282.8	1258.1	1232.0
-65°	1068.7	1070.7	1075.1	1077.1	1075.1	1070.7	1068.7	1062.8	1053.3	1042.1	1027.5
-67.5°	880.7	880.0	882.2	882.6	882.2	880.0	880.7	878.6	873.6	864.7	851.2
-70°	716.3	714.6	708.4	698.8	708.4	714.6	716.3	717.1	717.8	716.1	706.8
-72.5°	531.2	506.8	482.2	455.2	482.2	506.8	531.2	554.7	578.0	594.1	589.0
-75°	384.7	344.7	331.1	318.4	331.1	344.7	384.7	423.4	460.6	488.9	485.5
-77.5°	282.1	244.0	232.9	222.3	232.9	244.0	282.1	318.6	353.4	381.5	380.2
-80°	192.3	164.5	159.1	153.9	159.1	164.5	192.3	219.2	245.0	267.7	270.6
-82.5°	120.6	100.2	97.1	94.0	97.1	100.2	120.6	140.3	159.0	175.7	174.3
-85°	55.9	46.8	45.9	44.9	45.9	46.8	55.9	64.7	73.0	80.5	78.8
-87.5°	9.5	8.5	7.4	6.4	7.4	8.5	9.5	10.5	11.5	12.4	12.7
-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: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	13.1	13.4	13.6	14.2	14.8	15.3	15.7	15.2	14.7	14.2	13.6
85°	76.8	74.7	72.4	72.3	71.9	71.1	69.5	62.3	55.4	49.0	43.3
82.5°	172.2	169.2	165.3	159.6	153.8	148.0	141.3	126.3	111.9	98.0	86.6
80°	272.1	272.1	269.5	258.9	247.9	236.4	222.5	198.7	175.7	154.4	139.3
77.5°	378.3	375.7	370.5	356.4	342.1	327.6	309.4	278.6	247.9	218.4	199.3
75°	481.1	475.6	466.4	449.0	430.2	410.0	388.2	361.6	331.1	296.6	271.4
72.5°	582.5	574.5	562.3	543.9	523.1	501.2	478.1	452.1	422.2	388.3	362.8
70°	695.7	682.8	666.4	645.6	623.9	600.8	577.0	550.3	519.2	485.4	458.5
67.5°	834.3	813.9	790.8	766.1	742.4	714.9	686.7	656.4	624.9	589.4	555.5
65°	1006.7	979.4	948.5	921.8	889.9	852.2	809.9	773.0	736.6	696.5	652.2
62.5°	1205.2	1178.5	1135.9	1092.0	1049.4	1006.4	955.1	903.5	853.7	803.4	751.6
60°	1408.1	1360.2	1314.0	1263.7	1209.3	1151.1	1094.8	1035.9	974.3	913.8	851.8
57.5°	1632.0	1572.9	1512.4	1447.4	1378.5	1312.2	1243.8	1170.4	1100.5	1027.4	953.4
55°	1888.9	1817.7	1740.3	1655.4	1567.9	1489.1	1405.4	1321.4	1236.4	1144.3	1062.6
52.5°	2193.7	2104.8	2005.6	1895.6	1792.8	1688.5	1579.7	1484.3	1380.5	1278.1	1176.3
50°	2582.0	2456.1	2319.4	2180.7	2053.3	1915.6	1787.8	1662.3	1536.6	1418.1	1299.6
47.5°	3047.1	2880.5	2693.7	2521.5	2352.6	2182.0	2024.7	1858.8	1714.6	1565.4	1433.7
45°	3612.7	3390.7	3150.7	2932.0	2694.6	2488.6	2288.0	2097.3	1907.9	1739.3	1571.2
42.5°	4335.7	4012.1	3707.5	3417.3	3118.3	2847.4	2580.2	2354.2	2131.9	1923.2	1733.7
40°	5265.5	4794.1	4402.9	3986.5	3624.5	3261.7	2942.3	2629.0	2376.4	2129.2	1898.0
37.5°	6363.3	5811.5	5253.0	4683.1	4211.7	3755.9	3344.7	2975.9	2632.3	2351.2	2084.4
35°	7524.2	6901.0	6232.0	5564.4	4876.1	4324.0	3801.5	3347.1	2946.2	2583.7	2276.2
32.5°	8682.5	7998.3	7261.8	6500.2	5727.0	4954.1	4327.0	3764.1	3262.5	2849.7	2485.9
30°	9840.3	9089.4	8282.6	7450.9	6602.6	5735.2	4879.5	4221.9	3633.0	3115.3	2696.8
27.5°	11001.9	10188.0	9305.1	8390.0	7475.7	6529.8	5581.5	4694.2	4006.4	3421.3	2928.2
25°	12164.7	11254.7	10306.7	9310.6	8313.6	7308.1	6260.6	5271.3	4425.1	3727.4	3141.5
22.5°	13331.0	12309.3	11252.4	10182.4	9110.5	8036.0	6939.5	5836.7	4821.8	4038.8	3391.2
20°	14483.4	13335.9	12179.0	11019.2	9863.6	8714.6	7568.3	6391.1	5288.1	4361.2	3624.2
17.5°	15593.5	14318.7	13062.8	11805.4	10569.4	9351.1	8132.1	6902.6	5704.6	4648.2	3830.0
15°	16650.7	15259.7	13895.7	12545.6	11211.7	9903.4	8631.3	7351.8	6083.4	4947.6	4055.6
12.5°	17648.2	16130.1	14644.2	13178.8	11761.6	10390.3	9067.9	7746.1	6440.1	5239.2	4256.7
10°	18500.1	16871.4	15272.2	13726.8	12237.7	10804.4	9428.0	8079.7	6745.8	5481.8	4421.2
7.5°	19192.9	17467.6	15781.2	14159.9	12611.0	11134.1	9706.2	8335.7	6988.0	5671.4	4548.1
5°	19699.1	17906.0	16158.3	14480.7	12869.6	11374.1	9902.4	8510.7	7163.4	5806.3	4636.9
2.5°	20013.0	18171.2	16382.6	14675.7	13020.1	11518.2	10016.3	8616.5	7263.6	5880.4	4692.7
0°	20071.2	18295.3	16453.1	14696.5	13106.5	11561.4	10046.3	8655.0	7289.5	5896.1	4710.1
-2.5°	20013.0	18171.2	16382.6	14675.7	13020.1	11518.2	10016.3	8616.5	7263.6	5880.4	4692.7
-5°	19699.1	17906.0	16158.3	14480.7	12869.6	11374.1	9902.4	8510.7	7163.4	5806.3	4636.9
-7.5°	19192.9	17467.6	15781.2	14159.9	12611.0	11134.1	9706.2	8335.7	6988.0	5671.4	4548.1
-10°	18500.1	16871.4	15272.2	13726.8	12237.7	10804.4	9428.0	8079.7	6745.8	5481.8	4421.2
-12.5°	17648.2	16130.1	14644.2	13178.8	11761.6	10390.3	9067.9	7746.1	6440.1	5239.2	4256.7
-15°	16650.7	15259.7	13895.7	12545.6	11211.7	9903.4	8631.3	7351.8	6083.4	4947.6	4055.6
-17.5°	15593.5	14318.7	13062.8	11805.4	10569.4	9351.1	8132.1	6902.6	5704.6	4648.2	3830.0
-20°	14483.4	13335.9	12179.0	11019.2	9863.6	8714.6	7568.3	6391.1	5288.1	4361.2	3624.2



REPORT NUMBER: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	13331.0	12309.3	11252.4	10182.4	9110.5	8036.0	6939.5	5836.7	4821.8	4038.8	3391.2
-25°	12164.7	11254.7	10306.7	9310.6	8313.6	7308.1	6260.6	5271.3	4425.1	3727.4	3141.5
-27.5°	11001.9	10188.0	9305.1	8390.0	7475.7	6529.8	5581.5	4694.2	4006.4	3421.3	2928.2
-30°	9840.3	9089.4	8282.6	7450.9	6602.6	5735.2	4879.5	4221.9	3633.0	3115.3	2696.8
-32.5°	8682.5	7998.3	7261.8	6500.2	5727.0	4954.1	4327.0	3764.1	3262.5	2849.7	2485.9
-35°	7524.2	6901.0	6232.0	5564.4	4876.1	4324.0	3801.5	3347.1	2946.2	2583.7	2276.2
-37.5°	6363.3	5811.5	5253.0	4683.1	4211.7	3755.9	3344.7	2975.9	2632.3	2351.2	2084.4
-40°	5265.5	4794.1	4402.9	3986.5	3624.5	3261.7	2942.3	2629.0	2376.4	2129.2	1898.0
-42.5°	4335.7	4012.1	3707.5	3417.3	3118.3	2847.4	2580.2	2354.2	2131.9	1923.2	1733.7
-45°	3612.7	3390.7	3150.7	2932.0	2694.6	2488.6	2288.0	2097.3	1907.9	1739.3	1571.2
-47.5°	3047.1	2880.5	2693.7	2521.5	2352.6	2182.0	2024.7	1858.8	1714.6	1565.4	1433.7
-50°	2582.0	2456.1	2319.4	2180.7	2053.3	1915.6	1787.8	1662.3	1536.6	1418.1	1299.6
-52.5°	2193.7	2104.8	2005.6	1895.6	1792.8	1688.5	1579.7	1484.3	1380.5	1278.1	1176.3
-55°	1888.9	1817.7	1740.3	1655.4	1567.9	1489.1	1405.4	1321.4	1236.4	1144.3	1062.6
-57.5°	1632.0	1572.9	1512.4	1447.4	1378.5	1312.2	1243.8	1170.4	1100.5	1027.4	953.4
-60°	1408.1	1360.2	1314.0	1263.7	1209.3	1151.1	1094.8	1035.9	974.3	913.8	851.8
-62.5°	1205.2	1178.5	1135.9	1092.0	1049.4	1006.4	955.1	903.5	853.7	803.4	751.6
-65°	1006.7	979.4	948.5	921.8	889.9	852.2	809.9	773.0	736.6	696.5	652.2
-67.5°	834.3	813.9	790.8	766.1	742.4	714.9	686.7	656.4	624.9	589.4	555.5
-70°	695.7	682.8	666.4	645.6	623.9	600.8	577.0	550.3	519.2	485.4	458.5
-72.5°	582.5	574.5	562.3	543.9	523.1	501.2	478.1	452.1	422.2	388.3	362.8
-75°	481.1	475.6	466.4	449.0	430.2	410.0	388.2	361.6	331.1	296.6	271.4
-77.5°	378.3	375.7	370.5	356.4	342.1	327.6	309.4	278.6	247.9	218.4	199.3
-80°	272.1	272.1	269.5	258.9	247.9	236.4	222.5	198.7	175.7	154.4	139.3
-82.5°	172.2	169.2	165.3	159.6	153.8	148.0	141.3	126.3	111.9	98.0	86.6
-85°	76.8	74.7	72.4	72.3	71.9	71.1	69.5	62.3	55.4	49.0	43.3
-87.5°	13.1	13.4	13.6	14.2	14.8	15.3	15.7	15.2	14.7	14.2	13.6
-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: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	15.2	16.5	17.6	18.4	19.0	19.3	19.3	19.0	18.2	17.2	15.9
85°	45.3	46.2	46.1	44.7	41.8	38.6	38.6	38.0	36.4	34.4	31.8
82.5°	89.9	92.8	94.3	93.7	87.9	81.8	75.2	68.4	61.0	52.6	47.8
80°	144.6	147.7	148.8	146.4	136.0	124.9	115.3	105.4	95.7	84.7	72.4
77.5°	203.5	205.9	206.4	202.6	189.5	175.3	160.0	144.0	130.4	116.7	101.5
75°	266.8	267.6	267.0	260.1	244.0	225.7	207.2	187.3	167.4	148.8	130.4
72.5°	349.1	337.9	329.4	318.4	300.6	279.9	256.4	229.9	204.6	180.9	158.9
70°	435.1	411.4	392.9	376.0	356.3	334.5	308.3	275.1	241.3	212.6	185.7
67.5°	524.9	495.4	465.8	434.9	410.8	386.2	359.6	319.7	279.2	243.5	212.0
65°	612.3	576.0	542.5	502.3	467.2	437.2	407.2	361.9	315.7	274.1	237.7
62.5°	700.4	651.7	609.7	566.2	523.8	486.6	452.8	401.2	350.7	303.4	262.1
60°	790.9	733.8	676.7	626.5	578.5	533.4	491.4	439.4	384.5	331.3	285.2
57.5°	884.7	816.1	750.8	688.2	632.4	580.4	528.4	474.5	417.3	359.6	305.9
55°	979.3	901.9	825.1	753.4	687.3	628.1	566.8	508.1	448.7	387.3	322.5
52.5°	1080.9	990.1	903.6	819.8	744.1	674.6	608.0	541.0	478.6	413.9	340.5
50°	1188.5	1083.7	984.8	891.1	800.5	723.2	648.0	577.0	507.7	439.5	357.5
47.5°	1301.5	1182.8	1070.3	963.1	864.6	770.1	689.9	612.4	536.1	464.8	372.9
45°	1426.0	1284.8	1158.1	1040.4	926.1	823.5	731.2	646.6	566.8	483.0	386.8
42.5°	1551.1	1394.9	1249.2	1115.2	993.1	877.4	770.9	682.1	596.4	499.6	400.4
40°	1695.3	1507.3	1340.9	1195.6	1059.1	928.8	816.5	716.3	623.9	516.1	413.6
37.5°	1836.0	1628.4	1440.9	1272.4	1124.3	986.8	860.7	748.8	645.6	534.1	425.6
35°	2001.7	1753.4	1536.2	1353.6	1191.4	1042.0	902.2	782.1	669.4	551.4	436.2
32.5°	2162.7	1880.8	1643.4	1436.8	1254.7	1094.3	946.2	816.2	693.7	567.8	445.5
30°	2339.6	2019.2	1744.5	1514.7	1317.7	1148.1	990.6	848.2	718.1	583.3	454.6
27.5°	2509.5	2146.8	1842.9	1597.1	1384.1	1198.4	1031.6	878.2	742.7	599.5	465.9
25°	2678.0	2284.7	1951.3	1675.7	1445.3	1244.2	1069.3	906.3	766.7	617.6	476.0
22.5°	2860.7	2418.1	2049.0	1746.4	1500.5	1286.0	1105.2	937.0	788.8	635.0	484.8
20°	3028.7	2538.6	2136.3	1814.0	1555.3	1331.1	1138.9	964.5	808.7	651.2	492.3
17.5°	3187.2	2661.0	2233.6	1887.0	1607.2	1370.9	1168.6	988.6	826.2	666.2	498.4
15°	3353.5	2782.6	2321.2	1950.3	1652.0	1405.2	1194.0	1009.3	841.3	679.7	504.1
12.5°	3495.5	2885.5	2394.9	2003.6	1689.7	1433.9	1215.2	1026.6	853.8	691.1	509.2
10°	3612.6	2969.0	2454.2	2046.6	1720.1	1456.9	1232.1	1040.6	864.3	700.0	512.1
7.5°	3703.7	3032.8	2499.1	2079.2	1743.4	1474.9	1246.2	1051.5	872.5	706.2	512.7
5°	3767.4	3077.3	2532.1	2102.0	1761.1	1487.8	1256.2	1058.7	878.0	709.6	511.2
2.5°	3800.9	3102.6	2552.3	2114.2	1771.2	1494.8	1261.9	1062.3	880.7	710.1	507.7
0°	3806.1	3107.3	2558.0	2115.7	1773.7	1495.9	1263.0	1062.1	880.5	707.4	502.2
-2.5°	3800.9	3102.6	2552.3	2114.2	1771.2	1494.8	1261.9	1062.3	880.7	710.1	507.7
-5°	3767.4	3077.3	2532.1	2102.0	1761.1	1487.8	1256.2	1058.7	878.0	709.6	511.2
-7.5°	3703.7	3032.8	2499.1	2079.2	1743.4	1474.9	1246.2	1051.5	872.5	706.2	512.7
-10°	3612.6	2969.0	2454.2	2046.6	1720.1	1456.9	1232.1	1040.6	864.3	700.0	512.1
-12.5°	3495.5	2885.5	2394.9	2003.6	1689.7	1433.9	1215.2	1026.6	853.8	691.1	509.2
-15°	3353.5	2782.6	2321.2	1950.3	1652.0	1405.2	1194.0	1009.3	841.3	679.7	504.1
-17.5°	3187.2	2661.0	2233.6	1887.0	1607.2	1370.9	1168.6	988.6	826.2	666.2	498.4
-20°	3028.7	2538.6	2136.3	1814.0	1555.3	1331.1	1138.9	964.5	808.7	651.2	492.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	2860.7	2418.1	2049.0	1746.4	1500.5	1286.0	1105.2	937.0	788.8	635.0	484.8
-25°	2678.0	2284.7	1951.3	1675.7	1445.3	1244.2	1069.3	906.3	766.7	617.6	476.0
-27.5°	2509.5	2146.8	1842.9	1597.1	1384.1	1198.4	1031.6	878.2	742.7	599.5	465.9
-30°	2339.6	2019.2	1744.5	1514.7	1317.7	1148.1	990.6	848.2	718.1	583.3	454.6
-32.5°	2162.7	1880.8	1643.4	1436.8	1254.7	1094.3	946.2	816.2	693.7	567.8	445.5
-35°	2001.7	1753.4	1536.2	1353.6	1191.4	1042.0	902.2	782.1	669.4	551.4	436.2
-37.5°	1836.0	1628.4	1440.9	1272.4	1124.3	986.8	860.7	748.8	645.6	534.1	425.6
-40°	1695.3	1507.3	1340.9	1195.6	1059.1	928.8	816.5	716.3	623.9	516.1	413.6
-42.5°	1551.1	1394.9	1249.2	1115.2	993.1	877.4	770.9	682.1	596.4	499.6	400.4
-45°	1426.0	1284.8	1158.1	1040.4	926.1	823.5	731.2	646.6	566.8	483.0	386.8
-47.5°	1301.5	1182.8	1070.3	963.1	864.6	770.1	689.9	612.4	536.1	464.8	372.9
-50°	1188.5	1083.7	984.8	891.1	800.5	723.2	648.0	577.0	507.7	439.5	357.5
-52.5°	1080.9	990.1	903.6	819.8	744.1	674.6	608.0	541.0	478.6	413.9	340.5
-55°	979.3	901.9	825.1	753.4	687.3	628.1	566.8	508.1	448.7	387.3	322.5
-57.5°	884.7	816.1	750.8	688.2	632.4	580.4	528.4	474.5	417.3	359.6	305.9
-60°	790.9	733.8	676.7	626.5	578.5	533.4	491.4	439.4	384.5	331.3	285.2
-62.5°	700.4	651.7	609.7	566.2	523.8	486.6	452.8	401.2	350.7	303.4	262.1
-65°	612.3	576.0	542.5	502.3	467.2	437.2	407.2	361.9	315.7	274.1	237.7
-67.5°	524.9	495.4	465.8	434.9	410.8	386.2	359.6	319.7	279.2	243.5	212.0
-70°	435.1	411.4	392.9	376.0	356.3	334.5	308.3	275.1	241.3	212.6	185.7
-72.5°	349.1	337.9	329.4	318.4	300.6	279.9	256.4	229.9	204.6	180.9	158.9
-75°	266.8	267.6	267.0	260.1	244.0	225.7	207.2	187.3	167.4	148.8	130.4
-77.5°	203.5	205.9	206.4	202.6	189.5	175.3	160.0	144.0	130.4	116.7	101.5
-80°	144.6	147.7	148.8	146.4	136.0	124.9	115.3	105.4	95.7	84.7	72.4
-82.5°	89.9	92.8	94.3	93.7	87.9	81.8	75.2	68.4	61.0	52.6	47.8
-85°	45.3	46.2	46.1	44.7	41.8	38.6	38.6	38.0	36.4	34.4	31.8
-87.5°	15.2	16.5	17.6	18.4	19.0	19.3	19.3	19.0	18.2	17.2	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

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Scaled Data Report



REPORT NUMBER: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	14.4	11.2	8.3	5.8	3.5	1.5	0.0
85°	28.7	22.4	16.7	11.6	7.1	3.1	0.0
82.5°	42.9	33.5	24.9	17.3	10.6	4.6	0.0
80°	58.3	44.4	33.1	23.0	14.0	6.1	0.0
77.5°	83.2	57.8	41.1	28.5	17.4	7.6	0.0
75°	107.4	75.6	49.8	34.1	20.8	9.1	0.0
72.5°	130.8	92.8	61.7	39.4	24.1	10.5	0.0
70°	153.0	109.3	73.2	45.1	27.3	11.9	0.0
67.5°	172.3	125.1	84.2	52.1	30.4	13.3	0.0
65°	190.7	139.6	94.6	58.8	33.4	14.7	0.0
62.5°	208.0	152.9	104.5	65.1	36.3	16.0	0.0
60°	224.2	165.3	113.7	71.1	39.1	17.3	0.0
57.5°	238.8	176.9	122.2	76.7	42.5	18.5	0.0
55°	252.4	187.6	130.2	81.9	45.8	19.7	0.0
52.5°	264.7	197.4	137.5	86.6	49.0	20.8	0.0
50°	276.0	206.4	144.1	90.8	52.0	21.9	0.0
47.5°	286.4	214.5	150.0	94.8	54.8	22.9	0.0
45°	298.1	221.7	155.3	98.6	57.5	23.8	0.0
42.5°	308.6	227.9	159.8	102.0	60.1	24.7	0.0
40°	317.7	233.2	163.8	105.7	62.5	25.5	0.0
37.5°	325.6	237.5	167.4	109.5	64.8	26.3	0.0
35°	332.1	242.4	170.4	113.0	66.8	27.0	0.0
32.5°	338.1	247.0	172.6	116.2	68.7	27.6	0.0
30°	344.7	250.5	174.2	119.1	70.4	28.2	0.0
27.5°	350.2	253.1	177.9	121.6	72.0	28.7	0.0
25°	354.4	254.6	181.5	123.8	73.4	29.1	0.0
22.5°	357.4	256.6	184.7	125.7	74.5	29.5	0.0
20°	359.2	261.3	187.4	127.3	75.5	29.8	0.0
17.5°	363.2	265.1	189.7	128.5	76.4	30.1	0.0
15°	368.0	268.1	191.5	129.4	77.0	30.2	0.0
12.5°	371.5	270.3	192.8	130.0	77.4	30.3	0.0
10°	373.7	271.7	193.7	130.3	77.7	30.4	0.0
7.5°	374.6	272.3	194.1	130.2	77.8	30.3	0.0
5°	374.2	272.0	194.0	129.9	77.7	30.3	0.0
2.5°	372.6	271.1	193.4	129.2	77.4	30.1	0.0
0°	369.7	269.3	192.3	128.2	76.9	29.9	0.0
-2.5°	372.6	271.1	193.4	129.2	77.4	30.1	0.0
-5°	374.2	272.0	194.0	129.9	77.7	30.3	0.0
-7.5°	374.6	272.3	194.1	130.2	77.8	30.3	0.0
-10°	373.7	271.7	193.7	130.3	77.7	30.4	0.0
-12.5°	371.5	270.3	192.8	130.0	77.4	30.3	0.0
-15°	368.0	268.1	191.5	129.4	77.0	30.2	0.0
-17.5°	363.2	265.1	189.7	128.5	76.4	30.1	0.0
-20°	359.2	261.3	187.4	127.3	75.5	29.8	0.0

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REPORT NUMBER: P627653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	357.4	256.6	184.7	125.7	74.5	29.5	0.0
-25°	354.4	254.6	181.5	123.8	73.4	29.1	0.0
-27.5°	350.2	253.1	177.9	121.6	72.0	28.7	0.0
-30°	344.7	250.5	174.2	119.1	70.4	28.2	0.0
-32.5°	338.1	247.0	172.6	116.2	68.7	27.6	0.0
-35°	332.1	242.4	170.4	113.0	66.8	27.0	0.0
-37.5°	325.6	237.5	167.4	109.5	64.8	26.3	0.0
-40°	317.7	233.2	163.8	105.7	62.5	25.5	0.0
-42.5°	308.6	227.9	159.8	102.0	60.1	24.7	0.0
-45°	298.1	221.7	155.3	98.6	57.5	23.8	0.0
-47.5°	286.4	214.5	150.0	94.8	54.8	22.9	0.0
-50°	276.0	206.4	144.1	90.8	52.0	21.9	0.0
-52.5°	264.7	197.4	137.5	86.6	49.0	20.8	0.0
-55°	252.4	187.6	130.2	81.9	45.8	19.7	0.0
-57.5°	238.8	176.9	122.2	76.7	42.5	18.5	0.0
-60°	224.2	165.3	113.7	71.1	39.1	17.3	0.0
-62.5°	208.0	152.9	104.5	65.1	36.3	16.0	0.0
-65°	190.7	139.6	94.6	58.8	33.4	14.7	0.0
-67.5°	172.3	125.1	84.2	52.1	30.4	13.3	0.0
-70°	153.0	109.3	73.2	45.1	27.3	11.9	0.0
-72.5°	130.8	92.8	61.7	39.4	24.1	10.5	0.0
-75°	107.4	75.6	49.8	34.1	20.8	9.1	0.0
-77.5°	83.2	57.8	41.1	28.5	17.4	7.6	0.0
-80°	58.3	44.4	33.1	23.0	14.0	6.1	0.0
-82.5°	42.9	33.5	24.9	17.3	10.6	4.6	0.0
-85°	28.7	22.4	16.7	11.6	7.1	3.1	0.0
-87.5°	14.4	11.2	8.3	5.8	3.5	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)