

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: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-750-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627663 (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-750-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N129
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

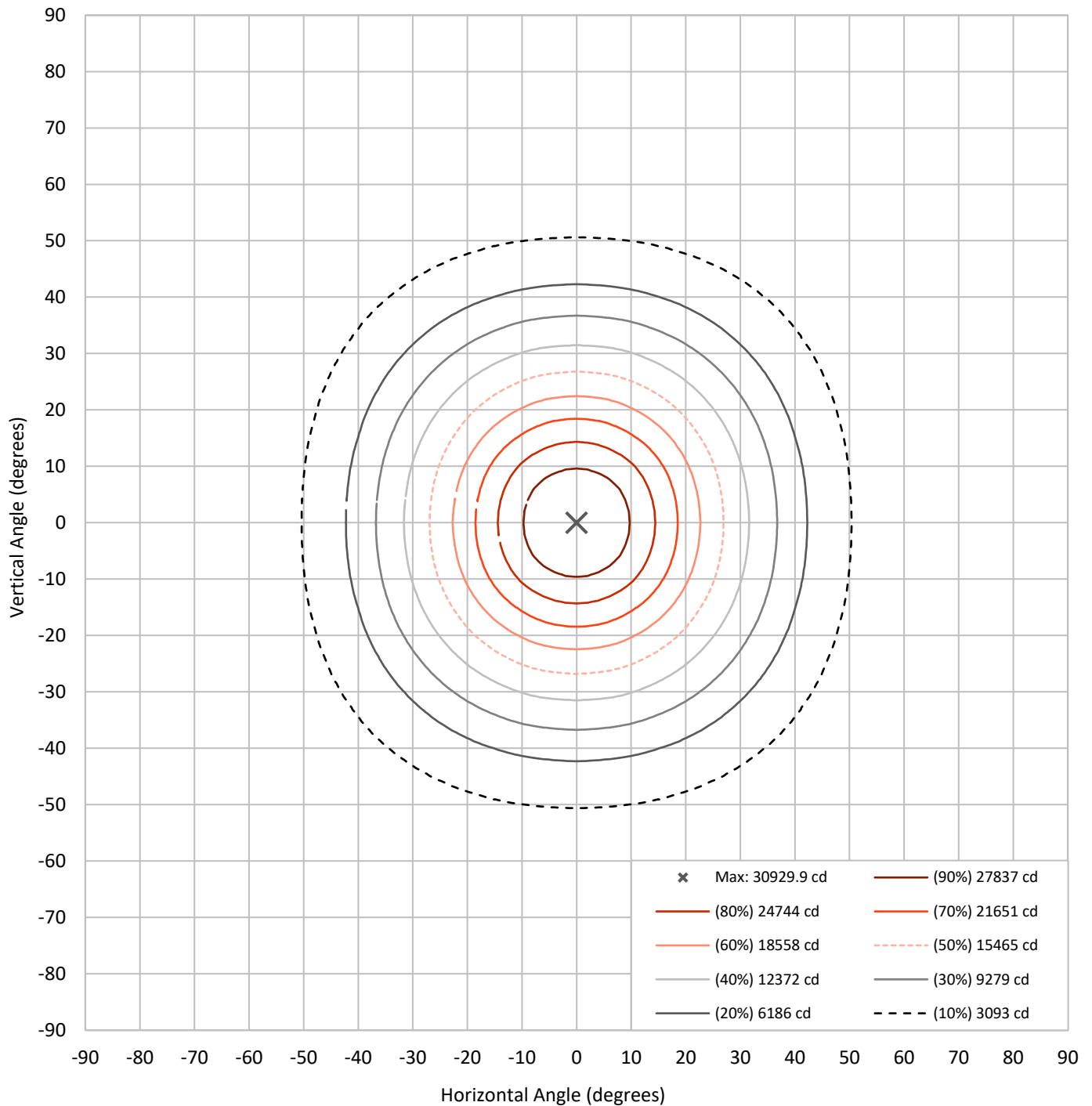
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	31479.4 lumens	Max Intensity:	30929.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	152.7 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:	15051.5 lumens	Field Lumens:	27781.7 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





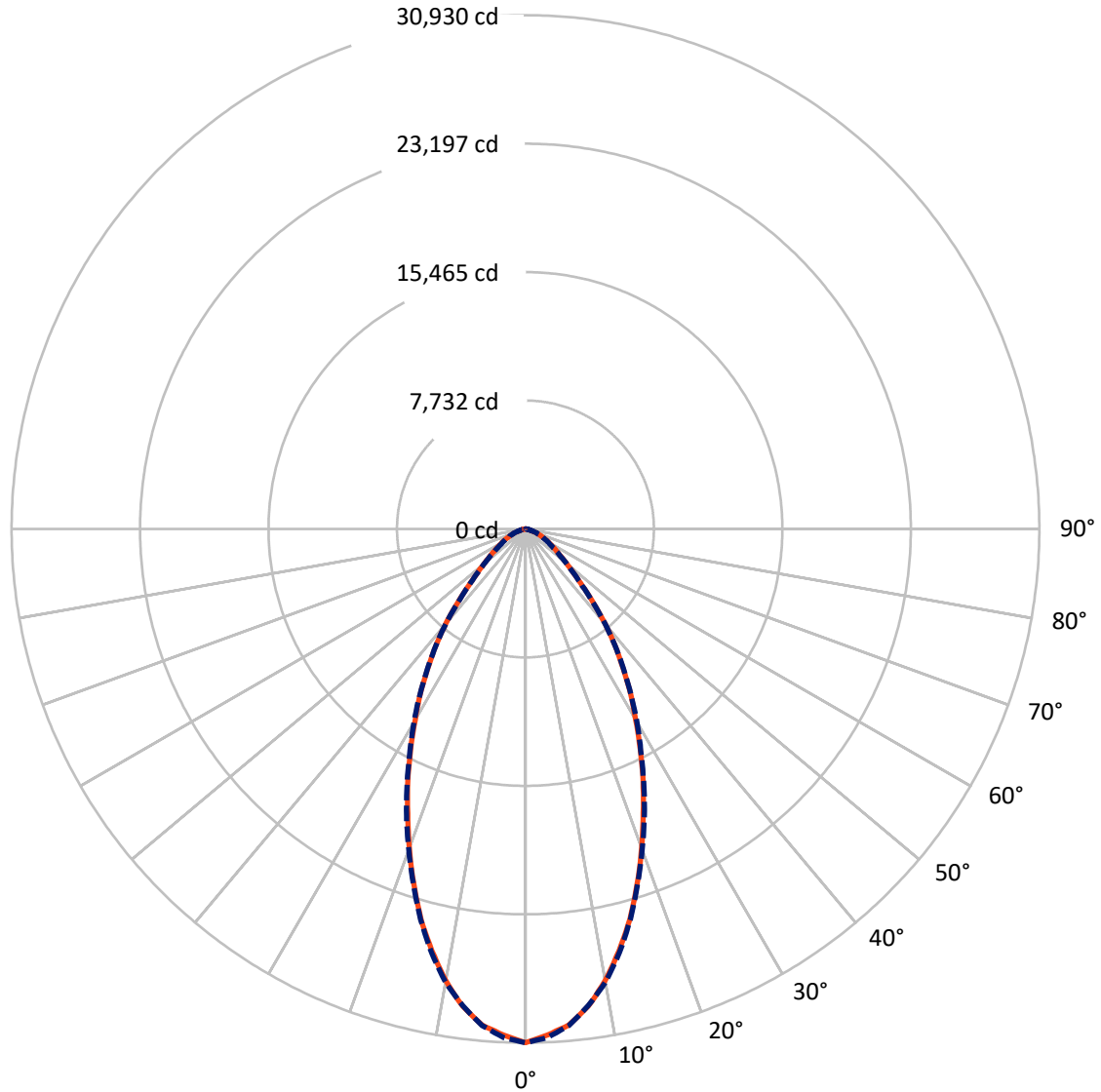
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Lumen Table

90																			
80	1.2	8.7		19.8		32.9		28.2		32.9		19.8		8.7		1.2			
70																			
60	4.1	4.8	9.0	14.5	21.0	27.2	32.0	34.2	34.2	32.0	27.2	21.0	14.5	9.0	4.8	4.1			
50		6.8	13.6	23.6	36.2	49.8	62.2	69.3	69.3	62.2	49.8	36.2	23.6	13.6	6.8				
40	6.0	8.7	18.8	35.3	59.4	91.4	126.0	149.0	149.0	126.0	91.4	59.4	35.3	18.8	8.7	6.0			
30		10.5	24.7	51.3	99.8	177.2	257.4	305.3	305.3	257.4	177.2	99.8	51.3	24.7	10.5				
20	7.1	12.3	30.8	71.7	161.3	289.9	414.9	495.9	495.9	414.9	289.9	161.3	71.7	30.8	12.3	7.1			
10		13.7	36.1	93.0	220.1	391.5	578.0	711.1	711.1	578.0	391.5	220.1	93.0	36.1	13.7				
0	7.5	14.4	39.1	106.9	253.4	455.2	692.6	871.0	871.0	692.6	455.2	253.4	106.9	39.1	14.4	7.5			
-10		14.4	39.1	106.9	253.4	455.2	692.6	871.0	871.0	692.6	455.2	253.4	106.9	39.1	14.4				
-20	7.1	13.7	36.1	93.0	220.1	391.5	578.0	711.1	711.1	578.0	391.5	220.1	93.0	36.1	13.7	7.1			
-30		12.3	30.8	71.7	161.3	289.9	414.9	495.9	495.9	414.9	289.9	161.3	71.7	30.8	12.3				
-40	6.0	10.5	24.7	51.3	99.8	177.2	257.4	305.3	305.3	257.4	177.2	99.8	51.3	24.7	10.5	6.0			
-50		8.7	18.8	35.3	59.4	91.4	126.0	149.0	149.0	126.0	91.4	59.4	35.3	18.8	8.7				
-60	4.1	6.8	13.6	23.6	36.2	49.8	62.2	69.3	69.3	62.2	49.8	36.2	23.6	13.6	6.8	4.1			
-70		4.8	9.0	14.5	21.0	27.2	32.0	34.2	34.2	32.0	27.2	21.0	14.5	9.0	4.8				
-80	1.2	8.7		19.8		32.9		28.2		32.9		19.8		8.7		1.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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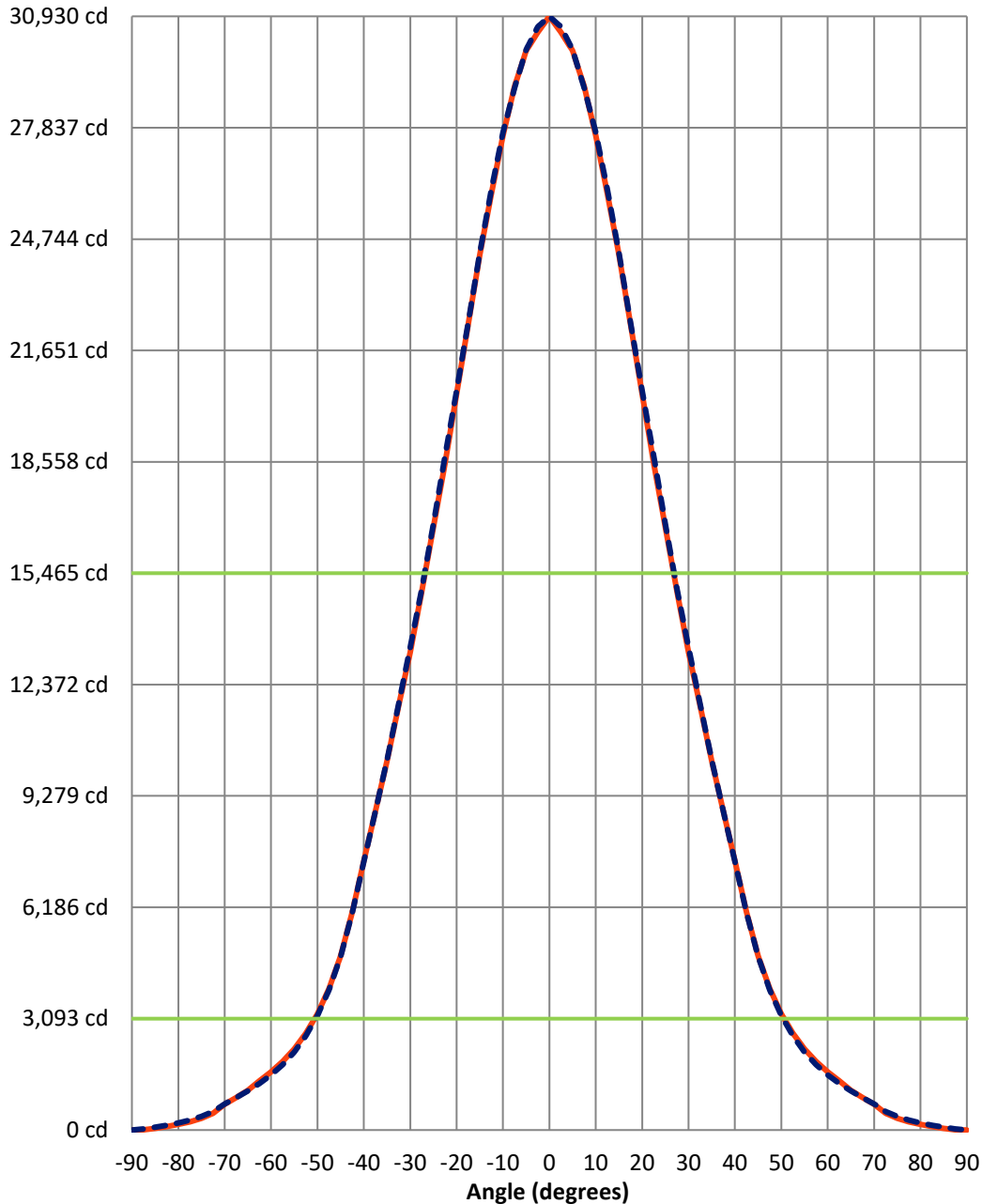
Luminous Intensity Polar Plot



— 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: 15051.5
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 27781.7
 Efficiency: 88.3%

Spill:
 Lumens: 3697.7
 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	1.6	3.6	5.9	8.5	11.5	14.7	16.3	17.6	18.6	19.4
85°	0.0	3.1	7.2	11.8	17.0	22.9	29.3	32.5	35.1	37.2	38.8
82.5°	0.0	4.7	10.8	17.7	25.5	34.2	43.8	48.8	53.8	62.3	69.9
80°	0.0	6.2	14.3	23.5	33.8	45.4	59.6	74.0	86.6	97.9	107.8
77.5°	0.0	7.8	17.8	29.2	42.0	59.1	85.0	103.8	119.4	133.4	147.3
75°	0.0	9.3	21.3	34.8	50.9	77.2	109.8	133.4	152.2	171.2	191.5
72.5°	0.0	10.8	24.6	40.3	63.1	94.8	133.8	162.5	185.1	209.3	235.1
70°	0.0	12.2	27.9	46.1	74.8	111.8	156.5	190.0	217.4	246.8	281.4
67.5°	0.0	13.6	31.1	53.2	86.1	127.9	176.2	216.9	249.1	285.6	327.0
65°	0.0	15.0	34.2	60.1	96.8	142.8	195.0	243.1	280.4	322.9	370.3
62.5°	0.0	16.4	37.2	66.6	106.8	156.4	212.7	268.1	310.4	358.7	410.5
60°	0.0	17.7	40.0	72.7	116.2	169.1	229.3	291.7	338.9	393.4	449.5
57.5°	0.0	18.9	43.5	78.4	125.0	181.0	244.3	313.0	367.9	426.9	485.4
55°	0.0	20.1	46.8	83.7	133.1	191.9	258.1	329.9	396.2	459.0	519.8
52.5°	0.0	21.3	50.1	88.5	140.6	201.9	270.8	348.4	423.4	489.6	553.4
50°	0.0	22.3	53.1	92.9	147.4	211.1	282.3	365.7	449.7	519.4	590.3
47.5°	0.0	23.4	56.1	96.9	153.4	219.4	292.9	381.5	475.5	548.4	626.5
45°	0.0	24.4	58.8	100.8	158.8	226.7	305.0	395.7	494.1	579.8	661.5
42.5°	0.0	25.3	61.5	104.3	163.4	233.1	315.7	409.6	511.1	610.0	697.7
40°	0.0	26.1	63.9	108.1	167.5	238.5	325.0	423.1	527.9	638.2	732.8
37.5°	0.0	26.9	66.2	112.0	171.2	242.9	333.1	435.3	546.3	660.4	766.0
35°	0.0	27.6	68.3	115.6	174.3	247.9	339.7	446.2	564.0	684.8	800.0
32.5°	0.0	28.3	70.3	118.9	176.6	252.6	345.8	455.7	580.8	709.5	834.8
30°	0.0	28.9	72.1	121.8	178.2	256.3	352.6	465.0	596.7	734.6	867.6
27.5°	0.0	29.4	73.6	124.4	182.0	258.9	358.2	476.5	613.2	759.7	898.3
25°	0.0	29.8	75.0	126.7	185.7	260.4	362.5	486.8	631.8	784.3	927.1
22.5°	0.0	30.2	76.3	128.6	188.9	262.5	365.6	495.9	649.5	806.9	958.4
20°	0.0	30.5	77.3	130.2	191.7	267.2	367.3	503.6	666.1	827.2	986.5
17.5°	0.0	30.7	78.1	131.5	194.0	271.2	371.5	509.7	681.4	845.1	1011.2
15°	0.0	30.9	78.8	132.4	195.8	274.2	376.4	515.6	695.2	860.5	1032.5
12.5°	0.0	31.0	79.2	133.0	197.2	276.5	380.0	520.9	706.9	873.4	1050.1
10°	0.0	31.1	79.5	133.3	198.1	277.9	382.3	523.8	716.0	884.1	1064.4
7.5°	0.0	31.0	79.6	133.2	198.5	278.4	383.2	524.4	722.4	892.4	1075.6
5°	0.0	31.0	79.5	132.9	198.4	278.2	382.8	522.9	725.9	898.1	1082.9
2.5°	0.0	30.8	79.2	132.2	197.8	277.2	381.1	519.3	726.3	900.9	1086.6
0°	0.0	30.6	78.7	131.2	196.7	275.4	378.2	513.7	723.6	900.6	1086.4
-2.5°	0.0	30.8	79.2	132.2	197.8	277.2	381.1	519.3	726.3	900.9	1086.6
-5°	0.0	31.0	79.5	132.9	198.4	278.2	382.8	522.9	725.9	898.1	1082.9
-7.5°	0.0	31.0	79.6	133.2	198.5	278.4	383.2	524.4	722.4	892.4	1075.6
-10°	0.0	31.1	79.5	133.3	198.1	277.9	382.3	523.8	716.0	884.1	1064.4
-12.5°	0.0	31.0	79.2	133.0	197.2	276.5	380.0	520.9	706.9	873.4	1050.1
-15°	0.0	30.9	78.8	132.4	195.8	274.2	376.4	515.6	695.2	860.5	1032.5
-17.5°	0.0	30.7	78.1	131.5	194.0	271.2	371.5	509.7	681.4	845.1	1011.2
-20°	0.0	30.5	77.3	130.2	191.7	267.2	367.3	503.6	666.1	827.2	986.5

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REPORT NUMBER: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)

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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	30.2	76.3	128.6	188.9	262.5	365.6	495.9	649.5	806.9	958.4
-25°	0.0	29.8	75.0	126.7	185.7	260.4	362.5	486.8	631.8	784.3	927.1
-27.5°	0.0	29.4	73.6	124.4	182.0	258.9	358.2	476.5	613.2	759.7	898.3
-30°	0.0	28.9	72.1	121.8	178.2	256.3	352.6	465.0	596.7	734.6	867.6
-32.5°	0.0	28.3	70.3	118.9	176.6	252.6	345.8	455.7	580.8	709.5	834.8
-35°	0.0	27.6	68.3	115.6	174.3	247.9	339.7	446.2	564.0	684.8	800.0
-37.5°	0.0	26.9	66.2	112.0	171.2	242.9	333.1	435.3	546.3	660.4	766.0
-40°	0.0	26.1	63.9	108.1	167.5	238.5	325.0	423.1	527.9	638.2	732.8
-42.5°	0.0	25.3	61.5	104.3	163.4	233.1	315.7	409.6	511.1	610.0	697.7
-45°	0.0	24.4	58.8	100.8	158.8	226.7	305.0	395.7	494.1	579.8	661.5
-47.5°	0.0	23.4	56.1	96.9	153.4	219.4	292.9	381.5	475.5	548.4	626.5
-50°	0.0	22.3	53.1	92.9	147.4	211.1	282.3	365.7	449.7	519.4	590.3
-52.5°	0.0	21.3	50.1	88.5	140.6	201.9	270.8	348.4	423.4	489.6	553.4
-55°	0.0	20.1	46.8	83.7	133.1	191.9	258.1	329.9	396.2	459.0	519.8
-57.5°	0.0	18.9	43.5	78.4	125.0	181.0	244.3	313.0	367.9	426.9	485.4
-60°	0.0	17.7	40.0	72.7	116.2	169.1	229.3	291.7	338.9	393.4	449.5
-62.5°	0.0	16.4	37.2	66.6	106.8	156.4	212.7	268.1	310.4	358.7	410.5
-65°	0.0	15.0	34.2	60.1	96.8	142.8	195.0	243.1	280.4	322.9	370.3
-67.5°	0.0	13.6	31.1	53.2	86.1	127.9	176.2	216.9	249.1	285.6	327.0
-70°	0.0	12.2	27.9	46.1	74.8	111.8	156.5	190.0	217.4	246.8	281.4
-72.5°	0.0	10.8	24.6	40.3	63.1	94.8	133.8	162.5	185.1	209.3	235.1
-75°	0.0	9.3	21.3	34.8	50.9	77.2	109.8	133.4	152.2	171.2	191.5
-77.5°	0.0	7.8	17.8	29.2	42.0	59.1	85.0	103.8	119.4	133.4	147.3
-80°	0.0	6.2	14.3	23.5	33.8	45.4	59.6	74.0	86.6	97.9	107.8
-82.5°	0.0	4.7	10.8	17.7	25.5	34.2	43.8	48.8	53.8	62.3	69.9
-85°	0.0	3.1	7.2	11.8	17.0	22.9	29.3	32.5	35.1	37.2	38.8
-87.5°	0.0	1.6	3.6	5.9	8.5	11.5	14.7	16.3	17.6	18.6	19.4
-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°	19.7	19.7	19.4	18.8	18.0	16.9	15.5	14.0	14.5	15.1	15.6
85°	39.4	39.4	42.7	45.7	47.1	47.3	46.4	44.4	50.1	56.7	63.8
82.5°	76.9	83.6	89.9	95.8	96.5	94.9	92.0	88.6	100.3	114.4	129.2
80°	117.9	127.8	139.1	149.7	152.2	151.2	147.9	142.5	157.9	179.7	203.2
77.5°	163.7	179.3	193.9	207.3	211.2	210.6	208.1	203.8	223.4	253.6	285.0
75°	211.9	230.9	249.7	266.1	273.2	273.7	272.9	277.6	303.4	338.7	369.9
72.5°	262.2	286.3	307.5	325.6	337.0	345.6	357.1	371.1	397.2	431.9	462.5
70°	315.4	342.2	364.5	384.6	402.0	420.8	445.1	469.0	496.5	531.1	562.9
67.5°	367.9	395.0	420.2	445.0	476.5	506.8	536.9	568.3	602.9	639.2	671.4
65°	416.6	447.2	477.9	513.8	554.9	589.2	626.3	667.1	712.5	753.4	790.7
62.5°	463.2	497.8	535.8	579.2	623.7	666.7	716.5	768.8	821.9	873.2	924.2
60°	502.7	545.7	591.8	640.9	692.2	750.6	809.0	871.4	934.7	996.5	1059.6
57.5°	540.6	593.8	646.9	704.1	768.0	834.8	904.9	975.1	1050.9	1125.7	1197.3
55°	579.9	642.6	703.1	770.7	844.1	922.5	1001.7	1086.9	1170.5	1264.7	1351.7
52.5°	621.9	690.1	761.3	838.7	924.3	1012.8	1105.6	1203.3	1307.4	1412.1	1518.3
50°	662.9	739.8	818.9	911.6	1007.3	1108.4	1215.7	1329.4	1450.6	1571.8	1700.4
47.5°	705.8	787.8	884.5	985.1	1094.8	1209.9	1331.3	1466.5	1601.2	1753.9	1901.4
45°	748.1	842.4	947.3	1064.2	1184.6	1314.3	1458.7	1607.2	1779.1	1951.6	2145.4
42.5°	788.6	897.5	1015.8	1140.7	1277.8	1426.8	1586.6	1773.4	1967.2	2180.7	2408.1
40°	835.3	950.0	1083.4	1223.0	1371.6	1541.9	1734.2	1941.5	2178.0	2430.9	2689.3
37.5°	880.4	1009.4	1150.0	1301.5	1474.0	1665.8	1878.1	2132.2	2405.1	2692.6	3044.1
35°	922.8	1065.9	1218.7	1384.6	1571.4	1793.7	2047.6	2328.4	2642.9	3013.7	3423.8
32.5°	967.9	1119.3	1283.5	1469.7	1681.1	1923.9	2212.3	2542.8	2915.0	3337.2	3850.3
30°	1013.2	1174.4	1347.9	1549.4	1784.5	2065.5	2393.2	2758.5	3186.6	3716.2	4318.6
27.5°	1055.2	1225.9	1415.9	1633.7	1885.1	2196.0	2567.0	2995.3	3499.6	4098.1	4801.8
25°	1093.8	1272.7	1478.3	1714.1	1996.0	2337.0	2739.3	3213.5	3812.8	4526.5	5392.2
22.5°	1130.5	1315.5	1534.8	1786.4	2096.0	2473.5	2926.2	3468.9	4131.3	4932.3	5970.5
20°	1165.0	1361.6	1590.9	1855.5	2185.2	2596.7	3098.1	3707.3	4461.1	5409.3	6537.6
17.5°	1195.3	1402.3	1644.0	1930.3	2284.8	2721.9	3260.2	3917.7	4754.7	5835.3	7060.8
15°	1221.4	1437.4	1689.9	1995.0	2374.4	2846.4	3430.4	4148.5	5060.9	6222.7	7520.3
12.5°	1243.0	1466.8	1728.5	2049.5	2449.7	2951.6	3575.7	4354.2	5359.2	6587.6	7923.6
10°	1260.3	1490.3	1759.6	2093.5	2510.4	3037.1	3695.4	4522.5	5607.4	6900.4	8264.9
7.5°	1274.7	1508.7	1783.4	2126.9	2556.4	3102.3	3788.6	4652.3	5801.4	7148.1	8526.7
5°	1285.0	1521.9	1801.5	2150.2	2590.1	3147.9	3853.8	4743.1	5939.4	7327.6	8705.8
2.5°	1290.7	1529.1	1811.9	2162.6	2610.8	3173.6	3888.0	4800.2	6015.2	7430.0	8814.0
0°	1291.9	1530.2	1814.4	2164.2	2616.7	3178.5	3893.3	4818.0	6031.2	7456.5	8853.4
-2.5°	1290.7	1529.1	1811.9	2162.6	2610.8	3173.6	3888.0	4800.2	6015.2	7430.0	8814.0
-5°	1285.0	1521.9	1801.5	2150.2	2590.1	3147.9	3853.8	4743.1	5939.4	7327.6	8705.8
-7.5°	1274.7	1508.7	1783.4	2126.9	2556.4	3102.3	3788.6	4652.3	5801.4	7148.1	8526.7
-10°	1260.3	1490.3	1759.6	2093.5	2510.4	3037.1	3695.4	4522.5	5607.4	6900.4	8264.9
-12.5°	1243.0	1466.8	1728.5	2049.5	2449.7	2951.6	3575.7	4354.2	5359.2	6587.6	7923.6
-15°	1221.4	1437.4	1689.9	1995.0	2374.4	2846.4	3430.4	4148.5	5060.9	6222.7	7520.3
-17.5°	1195.3	1402.3	1644.0	1930.3	2284.8	2721.9	3260.2	3917.7	4754.7	5835.3	7060.8
-20°	1165.0	1361.6	1590.9	1855.5	2185.2	2596.7	3098.1	3707.3	4461.1	5409.3	6537.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	1130.5	1315.5	1534.8	1786.4	2096.0	2473.5	2926.2	3468.9	4131.3	4932.3	5970.5
-25°	1093.8	1272.7	1478.3	1714.1	1996.0	2337.0	2739.3	3213.5	3812.8	4526.5	5392.2
-27.5°	1055.2	1225.9	1415.9	1633.7	1885.1	2196.0	2567.0	2995.3	3499.6	4098.1	4801.8
-30°	1013.2	1174.4	1347.9	1549.4	1784.5	2065.5	2393.2	2758.5	3186.6	3716.2	4318.6
-32.5°	967.9	1119.3	1283.5	1469.7	1681.1	1923.9	2212.3	2542.8	2915.0	3337.2	3850.3
-35°	922.8	1065.9	1218.7	1384.6	1571.4	1793.7	2047.6	2328.4	2642.9	3013.7	3423.8
-37.5°	880.4	1009.4	1150.0	1301.5	1474.0	1665.8	1878.1	2132.2	2405.1	2692.6	3044.1
-40°	835.3	950.0	1083.4	1223.0	1371.6	1541.9	1734.2	1941.5	2178.0	2430.9	2689.3
-42.5°	788.6	897.5	1015.8	1140.7	1277.8	1426.8	1586.6	1773.4	1967.2	2180.7	2408.1
-45°	748.1	842.4	947.3	1064.2	1184.6	1314.3	1458.7	1607.2	1779.1	1951.6	2145.4
-47.5°	705.8	787.8	884.5	985.1	1094.8	1209.9	1331.3	1466.5	1601.2	1753.9	1901.4
-50°	662.9	739.8	818.9	911.6	1007.3	1108.4	1215.7	1329.4	1450.6	1571.8	1700.4
-52.5°	621.9	690.1	761.3	838.7	924.3	1012.8	1105.6	1203.3	1307.4	1412.1	1518.3
-55°	579.9	642.6	703.1	770.7	844.1	922.5	1001.7	1086.9	1170.5	1264.7	1351.7
-57.5°	540.6	593.8	646.9	704.1	768.0	834.8	904.9	975.1	1050.9	1125.7	1197.3
-60°	502.7	545.7	591.8	640.9	692.2	750.6	809.0	871.4	934.7	996.5	1059.6
-62.5°	463.2	497.8	535.8	579.2	623.7	666.7	716.5	768.8	821.9	873.2	924.2
-65°	416.6	447.2	477.9	513.8	554.9	589.2	626.3	667.1	712.5	753.4	790.7
-67.5°	367.9	395.0	420.2	445.0	476.5	506.8	536.9	568.3	602.9	639.2	671.4
-70°	315.4	342.2	364.5	384.6	402.0	420.8	445.1	469.0	496.5	531.1	562.9
-72.5°	262.2	286.3	307.5	325.6	337.0	345.6	357.1	371.1	397.2	431.9	462.5
-75°	211.9	230.9	249.7	266.1	273.2	273.7	272.9	277.6	303.4	338.7	369.9
-77.5°	163.7	179.3	193.9	207.3	211.2	210.6	208.1	203.8	223.4	253.6	285.0
-80°	117.9	127.8	139.1	149.7	152.2	151.2	147.9	142.5	157.9	179.7	203.2
-82.5°	76.9	83.6	89.9	95.8	96.5	94.9	92.0	88.6	100.3	114.4	129.2
-85°	39.4	39.4	42.7	45.7	47.1	47.3	46.4	44.4	50.1	56.7	63.8
-87.5°	19.7	19.7	19.4	18.8	18.0	16.9	15.5	14.0	14.5	15.1	15.6
-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: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	16.1	15.7	15.2	14.6	13.9	13.6	13.3	13.0	12.7	11.7	10.7
85°	71.1	72.7	73.6	74.0	74.0	76.3	78.6	80.6	82.3	74.6	66.2
82.5°	144.6	151.4	157.3	163.2	169.0	173.0	176.1	178.3	179.8	162.7	143.6
80°	227.5	241.8	253.6	264.9	275.6	278.3	278.3	276.8	273.9	250.5	224.1
77.5°	316.5	335.1	349.9	364.6	379.0	384.4	386.9	388.9	390.3	361.5	325.9
75°	397.1	419.4	440.1	459.3	477.0	486.5	492.0	496.6	500.1	471.2	433.1
72.5°	489.1	512.6	535.0	556.3	575.2	587.6	595.8	602.5	607.7	591.2	567.4
70°	590.2	614.5	638.2	660.4	681.7	698.5	711.7	723.0	732.5	734.3	733.5
67.5°	702.5	731.3	759.5	783.6	808.9	832.6	853.4	870.7	884.5	893.6	898.7
65°	828.5	871.8	910.3	942.9	970.3	1001.8	1029.7	1051.0	1066.0	1077.4	1087.2
62.5°	977.0	1029.5	1073.5	1117.0	1161.9	1205.5	1232.8	1260.2	1286.9	1312.1	1333.7
60°	1119.9	1177.5	1237.1	1292.6	1344.1	1391.4	1440.3	1483.7	1521.7	1553.4	1577.1
57.5°	1272.3	1342.3	1410.0	1480.6	1547.0	1609.0	1669.4	1725.2	1773.5	1814.1	1847.3
55°	1437.6	1523.2	1603.8	1693.4	1780.2	1859.3	1932.1	2006.9	2074.2	2133.4	2180.4
52.5°	1615.9	1727.2	1833.9	1939.0	2051.5	2153.1	2244.0	2347.5	2439.3	2515.2	2574.4
50°	1828.8	1959.5	2100.4	2230.7	2372.6	2512.3	2641.2	2766.0	2888.0	2993.7	3079.0
47.5°	2071.1	2232.0	2406.5	2579.2	2755.4	2946.5	3116.9	3275.3	3446.0	3594.2	3713.1
45°	2340.5	2545.7	2756.4	2999.2	3223.0	3468.4	3695.5	3899.6	4141.6	4354.8	4526.5
42.5°	2639.3	2912.6	3189.8	3495.7	3792.4	4104.0	4435.0	4728.6	5049.6	5355.7	5603.0
40°	3009.7	3336.5	3707.6	4077.8	4503.8	4904.0	5386.2	5824.3	6222.3	6587.2	6886.3
37.5°	3421.4	3842.0	4308.3	4790.5	5373.4	5944.7	6509.1	7042.0	7512.4	7911.8	8246.9
35°	3888.7	4423.2	4987.9	5691.9	6374.8	7059.1	7696.6	8279.0	8790.6	9241.3	9624.5
32.5°	4426.2	5067.7	5858.3	6649.1	7428.2	8181.6	8881.5	9516.7	10077.8	10583.7	11024.4
30°	4991.3	5866.6	6753.9	7621.6	8472.4	9297.7	10065.8	10765.4	11399.5	11962.7	12470.4
27.5°	5709.4	6679.4	7647.0	8582.3	9518.4	10421.6	11254.0	12031.2	12758.8	13395.4	13975.7
25°	6404.0	7475.6	8504.2	9524.0	10542.9	11512.6	12443.4	13321.3	14154.5	14885.2	15533.0
22.5°	7098.5	8220.1	9319.3	10415.8	11510.3	12591.4	13636.5	14642.3	15574.1	16406.1	17135.4
20°	7741.8	8914.3	10089.6	11271.7	12458.1	13641.5	14815.3	15947.2	16985.3	17945.9	18790.0
17.5°	8318.4	9565.4	10811.5	12076.0	13362.1	14646.8	15950.8	17219.6	18406.4	19499.3	20478.6
15°	8829.1	10130.3	11468.6	12833.1	14214.1	15609.3	17032.2	18451.8	19787.8	21029.2	22122.5
12.5°	9275.6	10628.4	12031.0	13480.9	14979.7	16499.7	18052.6	19608.7	21087.7	22520.9	23701.3
10°	9644.0	11052.0	12518.1	14041.4	15622.1	17258.0	18924.0	20599.1	22228.6	23748.9	25098.8
7.5°	9928.5	11389.2	12900.0	14484.3	16142.8	17867.9	19632.7	21410.3	23149.2	24787.4	26280.9
5°	10129.2	11634.7	13164.5	14812.5	16528.6	18316.3	20150.5	22002.9	23820.8	25543.2	27091.1
2.5°	10245.7	11782.1	13318.4	15012.0	16758.0	18587.6	20471.5	22354.4	24220.2	26006.7	27597.4
0°	10276.5	11826.3	13406.8	15033.2	16830.1	18714.5	20531.0	22419.8	24358.8	26120.7	27705.5
-2.5°	10245.7	11782.1	13318.4	15012.0	16758.0	18587.6	20471.5	22354.4	24220.2	26006.7	27597.4
-5°	10129.2	11634.7	13164.5	14812.5	16528.6	18316.3	20150.5	22002.9	23820.8	25543.2	27091.1
-7.5°	9928.5	11389.2	12900.0	14484.3	16142.8	17867.9	19632.7	21410.3	23149.2	24787.4	26280.9
-10°	9644.0	11052.0	12518.1	14041.4	15622.1	17258.0	18924.0	20599.1	22228.6	23748.9	25098.8
-12.5°	9275.6	10628.4	12031.0	13480.9	14979.7	16499.7	18052.6	19608.7	21087.7	22520.9	23701.3
-15°	8829.1	10130.3	11468.6	12833.1	14214.1	15609.3	17032.2	18451.8	19787.8	21029.2	22122.5
-17.5°	8318.4	9565.4	10811.5	12076.0	13362.1	14646.8	15950.8	17219.6	18406.4	19499.3	20478.6
-20°	7741.8	8914.3	10089.6	11271.7	12458.1	13641.5	14815.3	15947.2	16985.3	17945.9	18790.0



REPORT NUMBER: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7098.5	8220.1	9319.3	10415.8	11510.3	12591.4	13636.5	14642.3	15574.1	16406.1	17135.4
-25°	6404.0	7475.6	8504.2	9524.0	10542.9	11512.6	12443.4	13321.3	14154.5	14885.2	15533.0
-27.5°	5709.4	6679.4	7647.0	8582.3	9518.4	10421.6	11254.0	12031.2	12758.8	13395.4	13975.7
-30°	4991.3	5866.6	6753.9	7621.6	8472.4	9297.7	10065.8	10765.4	11399.5	11962.7	12470.4
-32.5°	4426.2	5067.7	5858.3	6649.1	7428.2	8181.6	8881.5	9516.7	10077.8	10583.7	11024.4
-35°	3888.7	4423.2	4987.9	5691.9	6374.8	7059.1	7696.6	8279.0	8790.6	9241.3	9624.5
-37.5°	3421.4	3842.0	4308.3	4790.5	5373.4	5944.7	6509.1	7042.0	7512.4	7911.8	8246.9
-40°	3009.7	3336.5	3707.6	4077.8	4503.8	4904.0	5386.2	5824.3	6222.3	6587.2	6886.3
-42.5°	2639.3	2912.6	3189.8	3495.7	3792.4	4104.0	4435.0	4728.6	5049.6	5355.7	5603.0
-45°	2340.5	2545.7	2756.4	2999.2	3223.0	3468.4	3695.5	3899.6	4141.6	4354.8	4526.5
-47.5°	2071.1	2232.0	2406.5	2579.2	2755.4	2946.5	3116.9	3275.3	3446.0	3594.2	3713.1
-50°	1828.8	1959.5	2100.4	2230.7	2372.6	2512.3	2641.2	2766.0	2888.0	2993.7	3079.0
-52.5°	1615.9	1727.2	1833.9	1939.0	2051.5	2153.1	2244.0	2347.5	2439.3	2515.2	2574.4
-55°	1437.6	1523.2	1603.8	1693.4	1780.2	1859.3	1932.1	2006.9	2074.2	2133.4	2180.4
-57.5°	1272.3	1342.3	1410.0	1480.6	1547.0	1609.0	1669.4	1725.2	1773.5	1814.1	1847.3
-60°	1119.9	1177.5	1237.1	1292.6	1344.1	1391.4	1440.3	1483.7	1521.7	1553.4	1577.1
-62.5°	977.0	1029.5	1073.5	1117.0	1161.9	1205.5	1232.8	1260.2	1286.9	1312.1	1333.7
-65°	828.5	871.8	910.3	942.9	970.3	1001.8	1029.7	1051.0	1066.0	1077.4	1087.2
-67.5°	702.5	731.3	759.5	783.6	808.9	832.6	853.4	870.7	884.5	893.6	898.7
-70°	590.2	614.5	638.2	660.4	681.7	698.5	711.7	723.0	732.5	734.3	733.5
-72.5°	489.1	512.6	535.0	556.3	575.2	587.6	595.8	602.5	607.7	591.2	567.4
-75°	397.1	419.4	440.1	459.3	477.0	486.5	492.0	496.6	500.1	471.2	433.1
-77.5°	316.5	335.1	349.9	364.6	379.0	384.4	386.9	388.9	390.3	361.5	325.9
-80°	227.5	241.8	253.6	264.9	275.6	278.3	278.3	276.8	273.9	250.5	224.1
-82.5°	144.6	151.4	157.3	163.2	169.0	173.0	176.1	178.3	179.8	162.7	143.6
-85°	71.1	72.7	73.6	74.0	74.0	76.3	78.6	80.6	82.3	74.6	66.2
-87.5°	16.1	15.7	15.2	14.6	13.9	13.6	13.3	13.0	12.7	11.7	10.7
-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: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-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°	9.7	8.7	7.6	6.6	7.6	8.7	9.7	10.7	11.7	12.7	13.0
85°	57.2	47.9	46.9	45.9	46.9	47.9	57.2	66.2	74.6	82.3	80.6
82.5°	123.4	102.4	99.3	96.2	99.3	102.4	123.4	143.6	162.7	179.8	178.3
80°	196.6	168.2	162.7	157.4	162.7	168.2	196.6	224.1	250.5	273.9	276.8
77.5°	288.5	249.6	238.2	227.3	238.2	249.6	288.5	325.9	361.5	390.3	388.9
75°	393.5	352.5	338.7	325.7	338.7	352.5	393.5	433.1	471.2	500.1	496.6
72.5°	543.4	518.4	493.2	465.6	493.2	518.4	543.4	567.4	591.2	607.7	602.5
70°	732.7	731.0	724.6	714.8	724.6	731.0	732.7	733.5	734.3	732.5	723.0
67.5°	900.9	900.2	902.4	902.8	902.4	900.2	900.9	898.7	893.6	884.5	870.7
65°	1093.2	1095.3	1099.8	1101.8	1099.8	1095.3	1093.2	1087.2	1077.4	1066.0	1051.0
62.5°	1350.2	1361.4	1366.9	1366.3	1366.9	1361.4	1350.2	1333.7	1312.1	1286.9	1260.2
60°	1594.8	1606.4	1613.7	1615.5	1613.7	1606.4	1594.8	1577.1	1553.4	1521.7	1483.7
57.5°	1873.5	1892.5	1902.6	1904.0	1902.6	1892.5	1873.5	1847.3	1814.1	1773.5	1725.2
55°	2216.5	2241.6	2252.9	2251.6	2252.9	2241.6	2216.5	2180.4	2133.4	2074.2	2006.9
52.5°	2619.1	2649.7	2672.7	2686.6	2672.7	2649.7	2619.1	2574.4	2515.2	2439.3	2347.5
50°	3143.2	3187.2	3215.2	3226.6	3215.2	3187.2	3143.2	3079.0	2993.7	2888.0	2766.0
47.5°	3799.0	3857.2	3900.4	3930.5	3900.4	3857.2	3799.0	3713.1	3594.2	3446.0	3275.3
45°	4653.3	4742.1	4802.4	4837.6	4802.4	4742.1	4653.3	4526.5	4354.8	4141.6	3899.6
42.5°	5796.2	5934.0	6018.5	6050.9	6018.5	5934.0	5796.2	5603.0	5355.7	5049.6	4728.6
40°	7122.5	7288.1	7396.7	7471.8	7396.7	7288.1	7122.5	6886.3	6587.2	6222.3	5824.3
37.5°	8504.0	8677.9	8783.7	8855.5	8783.7	8677.9	8504.0	8246.9	7911.8	7512.4	7042.0
35°	9913.4	10095.5	10194.7	10250.2	10194.7	10095.5	9913.4	9624.5	9241.3	8790.6	8279.0
32.5°	11360.3	11560.9	11668.8	11780.4	11668.8	11560.9	11360.3	11024.4	10583.7	10077.8	9516.7
30°	12871.6	13101.8	13214.7	13269.1	13214.7	13101.8	12871.6	12470.4	11962.7	11399.5	10765.4
27.5°	14444.1	14731.0	14872.3	14965.5	14872.3	14731.0	14444.1	13975.7	13395.4	12758.8	12031.2
25°	16080.3	16435.9	16597.8	16742.7	16597.8	16435.9	16080.3	15533.0	14885.2	14154.5	13321.3
22.5°	17777.9	18220.7	18408.3	18511.2	18408.3	18220.7	17777.9	17135.4	16406.1	15574.1	14642.3
20°	19519.8	20049.0	20309.5	20443.6	20309.5	20049.0	19519.8	18790.0	17945.9	16985.3	15947.2
17.5°	21301.1	21959.3	22296.5	22373.9	22296.5	21959.3	21301.1	20478.6	19499.3	18406.4	17219.6
15°	23049.8	23761.7	24160.3	24306.3	24160.3	23761.7	23049.8	22122.5	21029.2	19787.8	18451.8
12.5°	24705.9	25443.8	25920.0	26004.8	25920.0	25443.8	24705.9	23701.3	22520.9	21087.7	19608.7
10°	26207.8	26972.3	27498.2	27618.1	27498.2	26972.3	26207.8	25098.8	23748.9	22228.6	20599.1
7.5°	27463.5	28302.2	28883.2	28984.4	28883.2	28302.2	27463.5	26280.9	24787.4	23149.2	21410.3
5°	28382.1	29377.9	29854.9	29974.6	29854.9	29377.9	28382.1	27091.1	25543.2	23820.8	22002.9
2.5°	28886.1	29899.8	30562.7	30486.2	30562.7	29899.8	28886.1	27597.4	26006.7	24220.2	22354.4
0°	28942.8	30003.0	30637.0	30929.9	30637.0	30003.0	28942.8	27705.5	26120.7	24358.8	22419.8
-2.5°	28886.1	29899.8	30562.7	30486.2	30562.7	29899.8	28886.1	27597.4	26006.7	24220.2	22354.4
-5°	28382.1	29377.9	29854.9	29974.6	29854.9	29377.9	28382.1	27091.1	25543.2	23820.8	22002.9
-7.5°	27463.5	28302.2	28883.2	28984.4	28883.2	28302.2	27463.5	26280.9	24787.4	23149.2	21410.3
-10°	26207.8	26972.3	27498.2	27618.1	27498.2	26972.3	26207.8	25098.8	23748.9	22228.6	20599.1
-12.5°	24705.9	25443.8	25920.0	26004.8	25920.0	25443.8	24705.9	23701.3	22520.9	21087.7	19608.7
-15°	23049.8	23761.7	24160.3	24306.3	24160.3	23761.7	23049.8	22122.5	21029.2	19787.8	18451.8
-17.5°	21301.1	21959.3	22296.5	22373.9	22296.5	21959.3	21301.1	20478.6	19499.3	18406.4	17219.6
-20°	19519.8	20049.0	20309.5	20443.6	20309.5	20049.0	19519.8	18790.0	17945.9	16985.3	15947.2



REPORT NUMBER: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-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°	17777.9	18220.7	18408.3	18511.2	18408.3	18220.7	17777.9	17135.4	16406.1	15574.1	14642.3
-25°	16080.3	16435.9	16597.8	16742.7	16597.8	16435.9	16080.3	15533.0	14885.2	14154.5	13321.3
-27.5°	14444.1	14731.0	14872.3	14965.5	14872.3	14731.0	14444.1	13975.7	13395.4	12758.8	12031.2
-30°	12871.6	13101.8	13214.7	13269.1	13214.7	13101.8	12871.6	12470.4	11962.7	11399.5	10765.4
-32.5°	11360.3	11560.9	11668.8	11780.4	11668.8	11560.9	11360.3	11024.4	10583.7	10077.8	9516.7
-35°	9913.4	10095.5	10194.7	10250.2	10194.7	10095.5	9913.4	9624.5	9241.3	8790.6	8279.0
-37.5°	8504.0	8677.9	8783.7	8855.5	8783.7	8677.9	8504.0	8246.9	7911.8	7512.4	7042.0
-40°	7122.5	7288.1	7396.7	7471.8	7396.7	7288.1	7122.5	6886.3	6587.2	6222.3	5824.3
-42.5°	5796.2	5934.0	6018.5	6050.9	6018.5	5934.0	5796.2	5603.0	5355.7	5049.6	4728.6
-45°	4653.3	4742.1	4802.4	4837.6	4802.4	4742.1	4653.3	4526.5	4354.8	4141.6	3899.6
-47.5°	3799.0	3857.2	3900.4	3930.5	3900.4	3857.2	3799.0	3713.1	3594.2	3446.0	3275.3
-50°	3143.2	3187.2	3215.2	3226.6	3215.2	3187.2	3143.2	3079.0	2993.7	2888.0	2766.0
-52.5°	2619.1	2649.7	2672.7	2686.6	2672.7	2649.7	2619.1	2574.4	2515.2	2439.3	2347.5
-55°	2216.5	2241.6	2252.9	2251.6	2252.9	2241.6	2216.5	2180.4	2133.4	2074.2	2006.9
-57.5°	1873.5	1892.5	1902.6	1904.0	1902.6	1892.5	1873.5	1847.3	1814.1	1773.5	1725.2
-60°	1594.8	1606.4	1613.7	1615.5	1613.7	1606.4	1594.8	1577.1	1553.4	1521.7	1483.7
-62.5°	1350.2	1361.4	1366.9	1366.3	1366.9	1361.4	1350.2	1333.7	1312.1	1286.9	1260.2
-65°	1093.2	1095.3	1099.8	1101.8	1099.8	1095.3	1093.2	1087.2	1077.4	1066.0	1051.0
-67.5°	900.9	900.2	902.4	902.8	902.4	900.2	900.9	898.7	893.6	884.5	870.7
-70°	732.7	731.0	724.6	714.8	724.6	731.0	732.7	733.5	734.3	732.5	723.0
-72.5°	543.4	518.4	493.2	465.6	493.2	518.4	543.4	567.4	591.2	607.7	602.5
-75°	393.5	352.5	338.7	325.7	338.7	352.5	393.5	433.1	471.2	500.1	496.6
-77.5°	288.5	249.6	238.2	227.3	238.2	249.6	288.5	325.9	361.5	390.3	388.9
-80°	196.6	168.2	162.7	157.4	162.7	168.2	196.6	224.1	250.5	273.9	276.8
-82.5°	123.4	102.4	99.3	96.2	99.3	102.4	123.4	143.6	162.7	179.8	178.3
-85°	57.2	47.9	46.9	45.9	46.9	47.9	57.2	66.2	74.6	82.3	80.6
-87.5°	9.7	8.7	7.6	6.6	7.6	8.7	9.7	10.7	11.7	12.7	13.0
-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: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	13.3	13.6	13.9	14.6	15.2	15.7	16.1	15.6	15.1	14.5	14.0
85°	78.6	76.3	74.0	74.0	73.6	72.7	71.1	63.8	56.7	50.1	44.4
82.5°	176.1	173.0	169.0	163.2	157.3	151.4	144.6	129.2	114.4	100.3	88.6
80°	278.3	278.3	275.6	264.9	253.6	241.8	227.5	203.2	179.7	157.9	142.5
77.5°	386.9	384.4	379.0	364.6	349.9	335.1	316.5	285.0	253.6	223.4	203.8
75°	492.0	486.5	477.0	459.3	440.1	419.4	397.1	369.9	338.7	303.4	277.6
72.5°	595.8	587.6	575.2	556.3	535.0	512.6	489.1	462.5	431.9	397.2	371.1
70°	711.7	698.5	681.7	660.4	638.2	614.5	590.2	562.9	531.1	496.5	469.0
67.5°	853.4	832.6	808.9	783.6	759.5	731.3	702.5	671.4	639.2	602.9	568.3
65°	1029.7	1001.8	970.3	942.9	910.3	871.8	828.5	790.7	753.4	712.5	667.1
62.5°	1232.8	1205.5	1161.9	1117.0	1073.5	1029.5	977.0	924.2	873.2	821.9	768.8
60°	1440.3	1391.4	1344.1	1292.6	1237.1	1177.5	1119.9	1059.6	996.5	934.7	871.4
57.5°	1669.4	1609.0	1547.0	1480.6	1410.0	1342.3	1272.3	1197.3	1125.7	1050.9	975.1
55°	1932.1	1859.3	1780.2	1693.4	1603.8	1523.2	1437.6	1351.7	1264.7	1170.5	1086.9
52.5°	2244.0	2153.1	2051.5	1939.0	1833.9	1727.2	1615.9	1518.3	1412.1	1307.4	1203.3
50°	2641.2	2512.3	2372.6	2230.7	2100.4	1959.5	1828.8	1700.4	1571.8	1450.6	1329.4
47.5°	3116.9	2946.5	2755.4	2579.2	2406.5	2232.0	2071.1	1901.4	1753.9	1601.2	1466.5
45°	3695.5	3468.4	3223.0	2999.2	2756.4	2545.7	2340.5	2145.4	1951.6	1779.1	1607.2
42.5°	4435.0	4104.0	3792.4	3495.7	3189.8	2912.6	2639.3	2408.1	2180.7	1967.2	1773.4
40°	5386.2	4904.0	4503.8	4077.8	3707.6	3336.5	3009.7	2689.3	2430.9	2178.0	1941.5
37.5°	6509.1	5944.7	5373.4	4790.5	4308.3	3842.0	3421.4	3044.1	2692.6	2405.1	2132.2
35°	7696.6	7059.1	6374.8	5691.9	4987.9	4423.2	3888.7	3423.8	3013.7	2642.9	2328.4
32.5°	8881.5	8181.6	7428.2	6649.1	5858.3	5067.7	4426.2	3850.3	3337.2	2915.0	2542.8
30°	10065.8	9297.7	8472.4	7621.6	6753.9	5866.6	4991.3	4318.6	3716.2	3186.6	2758.5
27.5°	11254.0	10421.6	9518.4	8582.3	7647.0	6679.4	5709.4	4801.8	4098.1	3499.6	2995.3
25°	12443.4	11512.6	10542.9	9524.0	8504.2	7475.6	6404.0	5392.2	4526.5	3812.8	3213.5
22.5°	13636.5	12591.4	11510.3	10415.8	9319.3	8220.1	7098.5	5970.5	4932.3	4131.3	3468.9
20°	14815.3	13641.5	12458.1	11271.7	10089.6	8914.3	7741.8	6537.6	5409.3	4461.1	3707.3
17.5°	15950.8	14646.8	13362.1	12076.0	10811.5	9565.4	8318.4	7060.8	5835.3	4754.7	3917.7
15°	17032.2	15609.3	14214.1	12833.1	11468.6	10130.3	8829.1	7520.3	6222.7	5060.9	4148.5
12.5°	18052.6	16499.7	14979.7	13480.9	12031.0	10628.4	9275.6	7923.6	6587.6	5359.2	4354.2
10°	18924.0	17258.0	15622.1	14041.4	12518.1	11052.0	9644.0	8264.9	6900.4	5607.4	4522.5
7.5°	19632.7	17867.9	16142.8	14484.3	12900.0	11389.2	9928.5	8526.7	7148.1	5801.4	4652.3
5°	20150.5	18316.3	16528.6	14812.5	13164.5	11634.7	10129.2	8705.8	7327.6	5939.4	4743.1
2.5°	20471.5	18587.6	16758.0	15012.0	13318.4	11782.1	10245.7	8814.0	7430.0	6015.2	4800.2
0°	20531.0	18714.5	16830.1	15033.2	13406.8	11826.3	10276.5	8853.4	7456.5	6031.2	4818.0
-2.5°	20471.5	18587.6	16758.0	15012.0	13318.4	11782.1	10245.7	8814.0	7430.0	6015.2	4800.2
-5°	20150.5	18316.3	16528.6	14812.5	13164.5	11634.7	10129.2	8705.8	7327.6	5939.4	4743.1
-7.5°	19632.7	17867.9	16142.8	14484.3	12900.0	11389.2	9928.5	8526.7	7148.1	5801.4	4652.3
-10°	18924.0	17258.0	15622.1	14041.4	12518.1	11052.0	9644.0	8264.9	6900.4	5607.4	4522.5
-12.5°	18052.6	16499.7	14979.7	13480.9	12031.0	10628.4	9275.6	7923.6	6587.6	5359.2	4354.2
-15°	17032.2	15609.3	14214.1	12833.1	11468.6	10130.3	8829.1	7520.3	6222.7	5060.9	4148.5
-17.5°	15950.8	14646.8	13362.1	12076.0	10811.5	9565.4	8318.4	7060.8	5835.3	4754.7	3917.7
-20°	14815.3	13641.5	12458.1	11271.7	10089.6	8914.3	7741.8	6537.6	5409.3	4461.1	3707.3



REPORT NUMBER: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13636.5	12591.4	11510.3	10415.8	9319.3	8220.1	7098.5	5970.5	4932.3	4131.3	3468.9
-25°	12443.4	11512.6	10542.9	9524.0	8504.2	7475.6	6404.0	5392.2	4526.5	3812.8	3213.5
-27.5°	11254.0	10421.6	9518.4	8582.3	7647.0	6679.4	5709.4	4801.8	4098.1	3499.6	2995.3
-30°	10065.8	9297.7	8472.4	7621.6	6753.9	5866.6	4991.3	4318.6	3716.2	3186.6	2758.5
-32.5°	8881.5	8181.6	7428.2	6649.1	5858.3	5067.7	4426.2	3850.3	3337.2	2915.0	2542.8
-35°	7696.6	7059.1	6374.8	5691.9	4987.9	4423.2	3888.7	3423.8	3013.7	2642.9	2328.4
-37.5°	6509.1	5944.7	5373.4	4790.5	4308.3	3842.0	3421.4	3044.1	2692.6	2405.1	2132.2
-40°	5386.2	4904.0	4503.8	4077.8	3707.6	3336.5	3009.7	2689.3	2430.9	2178.0	1941.5
-42.5°	4435.0	4104.0	3792.4	3495.7	3189.8	2912.6	2639.3	2408.1	2180.7	1967.2	1773.4
-45°	3695.5	3468.4	3223.0	2999.2	2756.4	2545.7	2340.5	2145.4	1951.6	1779.1	1607.2
-47.5°	3116.9	2946.5	2755.4	2579.2	2406.5	2232.0	2071.1	1901.4	1753.9	1601.2	1466.5
-50°	2641.2	2512.3	2372.6	2230.7	2100.4	1959.5	1828.8	1700.4	1571.8	1450.6	1329.4
-52.5°	2244.0	2153.1	2051.5	1939.0	1833.9	1727.2	1615.9	1518.3	1412.1	1307.4	1203.3
-55°	1932.1	1859.3	1780.2	1693.4	1603.8	1523.2	1437.6	1351.7	1264.7	1170.5	1086.9
-57.5°	1669.4	1609.0	1547.0	1480.6	1410.0	1342.3	1272.3	1197.3	1125.7	1050.9	975.1
-60°	1440.3	1391.4	1344.1	1292.6	1237.1	1177.5	1119.9	1059.6	996.5	934.7	871.4
-62.5°	1232.8	1205.5	1161.9	1117.0	1073.5	1029.5	977.0	924.2	873.2	821.9	768.8
-65°	1029.7	1001.8	970.3	942.9	910.3	871.8	828.5	790.7	753.4	712.5	667.1
-67.5°	853.4	832.6	808.9	783.6	759.5	731.3	702.5	671.4	639.2	602.9	568.3
-70°	711.7	698.5	681.7	660.4	638.2	614.5	590.2	562.9	531.1	496.5	469.0
-72.5°	595.8	587.6	575.2	556.3	535.0	512.6	489.1	462.5	431.9	397.2	371.1
-75°	492.0	486.5	477.0	459.3	440.1	419.4	397.1	369.9	338.7	303.4	277.6
-77.5°	386.9	384.4	379.0	364.6	349.9	335.1	316.5	285.0	253.6	223.4	203.8
-80°	278.3	278.3	275.6	264.9	253.6	241.8	227.5	203.2	179.7	157.9	142.5
-82.5°	176.1	173.0	169.0	163.2	157.3	151.4	144.6	129.2	114.4	100.3	88.6
-85°	78.6	76.3	74.0	74.0	73.6	72.7	71.1	63.8	56.7	50.1	44.4
-87.5°	13.3	13.6	13.9	14.6	15.2	15.7	16.1	15.6	15.1	14.5	14.0
-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: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	15.5	16.9	18.0	18.8	19.4	19.7	19.7	19.4	18.6	17.6	16.3
85°	46.4	47.3	47.1	45.7	42.7	39.4	39.4	38.8	37.2	35.1	32.5
82.5°	92.0	94.9	96.5	95.8	89.9	83.6	76.9	69.9	62.3	53.8	48.8
80°	147.9	151.2	152.2	149.7	139.1	127.8	117.9	107.8	97.9	86.6	74.0
77.5°	208.1	210.6	211.2	207.3	193.9	179.3	163.7	147.3	133.4	119.4	103.8
75°	272.9	273.7	273.2	266.1	249.7	230.9	211.9	191.5	171.2	152.2	133.4
72.5°	357.1	345.6	337.0	325.6	307.5	286.3	262.2	235.1	209.3	185.1	162.5
70°	445.1	420.8	402.0	384.6	364.5	342.2	315.4	281.4	246.8	217.4	190.0
67.5°	536.9	506.8	476.5	445.0	420.2	395.0	367.9	327.0	285.6	249.1	216.9
65°	626.3	589.2	554.9	513.8	477.9	447.2	416.6	370.3	322.9	280.4	243.1
62.5°	716.5	666.7	623.7	579.2	535.8	497.8	463.2	410.5	358.7	310.4	268.1
60°	809.0	750.6	692.2	640.9	591.8	545.7	502.7	449.5	393.4	338.9	291.7
57.5°	904.9	834.8	768.0	704.1	646.9	593.8	540.6	485.4	426.9	367.9	313.0
55°	1001.7	922.5	844.1	770.7	703.1	642.6	579.9	519.8	459.0	396.2	329.9
52.5°	1105.6	1012.8	924.3	838.7	761.3	690.1	621.9	553.4	489.6	423.4	348.4
50°	1215.7	1108.4	1007.3	911.6	818.9	739.8	662.9	590.3	519.4	449.7	365.7
47.5°	1331.3	1209.9	1094.8	985.1	884.5	787.8	705.8	626.5	548.4	475.5	381.5
45°	1458.7	1314.3	1184.6	1064.2	947.3	842.4	748.1	661.5	579.8	494.1	395.7
42.5°	1586.6	1426.8	1277.8	1140.7	1015.8	897.5	788.6	697.7	610.0	511.1	409.6
40°	1734.2	1541.9	1371.6	1223.0	1083.4	950.0	835.3	732.8	638.2	527.9	423.1
37.5°	1878.1	1665.8	1474.0	1301.5	1150.0	1009.4	880.4	766.0	660.4	546.3	435.3
35°	2047.6	1793.7	1571.4	1384.6	1218.7	1065.9	922.8	800.0	684.8	564.0	446.2
32.5°	2212.3	1923.9	1681.1	1469.7	1283.5	1119.3	967.9	834.8	709.5	580.8	455.7
30°	2393.2	2065.5	1784.5	1549.4	1347.9	1174.4	1013.2	867.6	734.6	596.7	465.0
27.5°	2567.0	2196.0	1885.1	1633.7	1415.9	1225.9	1055.2	898.3	759.7	613.2	476.5
25°	2739.3	2337.0	1996.0	1714.1	1478.3	1272.7	1093.8	927.1	784.3	631.8	486.8
22.5°	2926.2	2473.5	2096.0	1786.4	1534.8	1315.5	1130.5	958.4	806.9	649.5	495.9
20°	3098.1	2596.7	2185.2	1855.5	1590.9	1361.6	1165.0	986.5	827.2	666.1	503.6
17.5°	3260.2	2721.9	2284.8	1930.3	1644.0	1402.3	1195.3	1011.2	845.1	681.4	509.7
15°	3430.4	2846.4	2374.4	1995.0	1689.9	1437.4	1221.4	1032.5	860.5	695.2	515.6
12.5°	3575.7	2951.6	2449.7	2049.5	1728.5	1466.8	1243.0	1050.1	873.4	706.9	520.9
10°	3695.4	3037.1	2510.4	2093.5	1759.6	1490.3	1260.3	1064.4	884.1	716.0	523.8
7.5°	3788.6	3102.3	2556.4	2126.9	1783.4	1508.7	1274.7	1075.6	892.4	722.4	524.4
5°	3853.8	3147.9	2590.1	2150.2	1801.5	1521.9	1285.0	1082.9	898.1	725.9	522.9
2.5°	3888.0	3173.6	2610.8	2162.6	1811.9	1529.1	1290.7	1086.6	900.9	726.3	519.3
0°	3893.3	3178.5	2616.7	2164.2	1814.4	1530.2	1291.9	1086.4	900.6	723.6	513.7
-2.5°	3888.0	3173.6	2610.8	2162.6	1811.9	1529.1	1290.7	1086.6	900.9	726.3	519.3
-5°	3853.8	3147.9	2590.1	2150.2	1801.5	1521.9	1285.0	1082.9	898.1	725.9	522.9
-7.5°	3788.6	3102.3	2556.4	2126.9	1783.4	1508.7	1274.7	1075.6	892.4	722.4	524.4
-10°	3695.4	3037.1	2510.4	2093.5	1759.6	1490.3	1260.3	1064.4	884.1	716.0	523.8
-12.5°	3575.7	2951.6	2449.7	2049.5	1728.5	1466.8	1243.0	1050.1	873.4	706.9	520.9
-15°	3430.4	2846.4	2374.4	1995.0	1689.9	1437.4	1221.4	1032.5	860.5	695.2	515.6
-17.5°	3260.2	2721.9	2284.8	1930.3	1644.0	1402.3	1195.3	1011.2	845.1	681.4	509.7
-20°	3098.1	2596.7	2185.2	1855.5	1590.9	1361.6	1165.0	986.5	827.2	666.1	503.6

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



REPORT NUMBER: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	2926.2	2473.5	2096.0	1786.4	1534.8	1315.5	1130.5	958.4	806.9	649.5	495.9
-25°	2739.3	2337.0	1996.0	1714.1	1478.3	1272.7	1093.8	927.1	784.3	631.8	486.8
-27.5°	2567.0	2196.0	1885.1	1633.7	1415.9	1225.9	1055.2	898.3	759.7	613.2	476.5
-30°	2393.2	2065.5	1784.5	1549.4	1347.9	1174.4	1013.2	867.6	734.6	596.7	465.0
-32.5°	2212.3	1923.9	1681.1	1469.7	1283.5	1119.3	967.9	834.8	709.5	580.8	455.7
-35°	2047.6	1793.7	1571.4	1384.6	1218.7	1065.9	922.8	800.0	684.8	564.0	446.2
-37.5°	1878.1	1665.8	1474.0	1301.5	1150.0	1009.4	880.4	766.0	660.4	546.3	435.3
-40°	1734.2	1541.9	1371.6	1223.0	1083.4	950.0	835.3	732.8	638.2	527.9	423.1
-42.5°	1586.6	1426.8	1277.8	1140.7	1015.8	897.5	788.6	697.7	610.0	511.1	409.6
-45°	1458.7	1314.3	1184.6	1064.2	947.3	842.4	748.1	661.5	579.8	494.1	395.7
-47.5°	1331.3	1209.9	1094.8	985.1	884.5	787.8	705.8	626.5	548.4	475.5	381.5
-50°	1215.7	1108.4	1007.3	911.6	818.9	739.8	662.9	590.3	519.4	449.7	365.7
-52.5°	1105.6	1012.8	924.3	838.7	761.3	690.1	621.9	553.4	489.6	423.4	348.4
-55°	1001.7	922.5	844.1	770.7	703.1	642.6	579.9	519.8	459.0	396.2	329.9
-57.5°	904.9	834.8	768.0	704.1	646.9	593.8	540.6	485.4	426.9	367.9	313.0
-60°	809.0	750.6	692.2	640.9	591.8	545.7	502.7	449.5	393.4	338.9	291.7
-62.5°	716.5	666.7	623.7	579.2	535.8	497.8	463.2	410.5	358.7	310.4	268.1
-65°	626.3	589.2	554.9	513.8	477.9	447.2	416.6	370.3	322.9	280.4	243.1
-67.5°	536.9	506.8	476.5	445.0	420.2	395.0	367.9	327.0	285.6	249.1	216.9
-70°	445.1	420.8	402.0	384.6	364.5	342.2	315.4	281.4	246.8	217.4	190.0
-72.5°	357.1	345.6	337.0	325.6	307.5	286.3	262.2	235.1	209.3	185.1	162.5
-75°	272.9	273.7	273.2	266.1	249.7	230.9	211.9	191.5	171.2	152.2	133.4
-77.5°	208.1	210.6	211.2	207.3	193.9	179.3	163.7	147.3	133.4	119.4	103.8
-80°	147.9	151.2	152.2	149.7	139.1	127.8	117.9	107.8	97.9	86.6	74.0
-82.5°	92.0	94.9	96.5	95.8	89.9	83.6	76.9	69.9	62.3	53.8	48.8
-85°	46.4	47.3	47.1	45.7	42.7	39.4	39.4	38.8	37.2	35.1	32.5
-87.5°	15.5	16.9	18.0	18.8	19.4	19.7	19.7	19.4	18.6	17.6	16.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627663 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	14.7	11.5	8.5	5.9	3.6	1.6	0.0
85°	29.3	22.9	17.0	11.8	7.2	3.1	0.0
82.5°	43.8	34.2	25.5	17.7	10.8	4.7	0.0
80°	59.6	45.4	33.8	23.5	14.3	6.2	0.0
77.5°	85.0	59.1	42.0	29.2	17.8	7.8	0.0
75°	109.8	77.2	50.9	34.8	21.3	9.3	0.0
72.5°	133.8	94.8	63.1	40.3	24.6	10.8	0.0
70°	156.5	111.8	74.8	46.1	27.9	12.2	0.0
67.5°	176.2	127.9	86.1	53.2	31.1	13.6	0.0
65°	195.0	142.8	96.8	60.1	34.2	15.0	0.0
62.5°	212.7	156.4	106.8	66.6	37.2	16.4	0.0
60°	229.3	169.1	116.2	72.7	40.0	17.7	0.0
57.5°	244.3	181.0	125.0	78.4	43.5	18.9	0.0
55°	258.1	191.9	133.1	83.7	46.8	20.1	0.0
52.5°	270.8	201.9	140.6	88.5	50.1	21.3	0.0
50°	282.3	211.1	147.4	92.9	53.1	22.3	0.0
47.5°	292.9	219.4	153.4	96.9	56.1	23.4	0.0
45°	305.0	226.7	158.8	100.8	58.8	24.4	0.0
42.5°	315.7	233.1	163.4	104.3	61.5	25.3	0.0
40°	325.0	238.5	167.5	108.1	63.9	26.1	0.0
37.5°	333.1	242.9	171.2	112.0	66.2	26.9	0.0
35°	339.7	247.9	174.3	115.6	68.3	27.6	0.0
32.5°	345.8	252.6	176.6	118.9	70.3	28.3	0.0
30°	352.6	256.3	178.2	121.8	72.1	28.9	0.0
27.5°	358.2	258.9	182.0	124.4	73.6	29.4	0.0
25°	362.5	260.4	185.7	126.7	75.0	29.8	0.0
22.5°	365.6	262.5	188.9	128.6	76.3	30.2	0.0
20°	367.3	267.2	191.7	130.2	77.3	30.5	0.0
17.5°	371.5	271.2	194.0	131.5	78.1	30.7	0.0
15°	376.4	274.2	195.8	132.4	78.8	30.9	0.0
12.5°	380.0	276.5	197.2	133.0	79.2	31.0	0.0
10°	382.3	277.9	198.1	133.3	79.5	31.1	0.0
7.5°	383.2	278.4	198.5	133.2	79.6	31.0	0.0
5°	382.8	278.2	198.4	132.9	79.5	31.0	0.0
2.5°	381.1	277.2	197.8	132.2	79.2	30.8	0.0
0°	378.2	275.4	196.7	131.2	78.7	30.6	0.0
-2.5°	381.1	277.2	197.8	132.2	79.2	30.8	0.0
-5°	382.8	278.2	198.4	132.9	79.5	31.0	0.0
-7.5°	383.2	278.4	198.5	133.2	79.6	31.0	0.0
-10°	382.3	277.9	198.1	133.3	79.5	31.1	0.0
-12.5°	380.0	276.5	197.2	133.0	79.2	31.0	0.0
-15°	376.4	274.2	195.8	132.4	78.8	30.9	0.0
-17.5°	371.5	271.2	194.0	131.5	78.1	30.7	0.0
-20°	367.3	267.2	191.7	130.2	77.3	30.5	0.0

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CATALOG NUMBER: GFLD-SA5C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	365.6	262.5	188.9	128.6	76.3	30.2	0.0
-25°	362.5	260.4	185.7	126.7	75.0	29.8	0.0
-27.5°	358.2	258.9	182.0	124.4	73.6	29.4	0.0
-30°	352.6	256.3	178.2	121.8	72.1	28.9	0.0
-32.5°	345.8	252.6	176.6	118.9	70.3	28.3	0.0
-35°	339.7	247.9	174.3	115.6	68.3	27.6	0.0
-37.5°	333.1	242.9	171.2	112.0	66.2	26.9	0.0
-40°	325.0	238.5	167.5	108.1	63.9	26.1	0.0
-42.5°	315.7	233.1	163.4	104.3	61.5	25.3	0.0
-45°	305.0	226.7	158.8	100.8	58.8	24.4	0.0
-47.5°	292.9	219.4	153.4	96.9	56.1	23.4	0.0
-50°	282.3	211.1	147.4	92.9	53.1	22.3	0.0
-52.5°	270.8	201.9	140.6	88.5	50.1	21.3	0.0
-55°	258.1	191.9	133.1	83.7	46.8	20.1	0.0
-57.5°	244.3	181.0	125.0	78.4	43.5	18.9	0.0
-60°	229.3	169.1	116.2	72.7	40.0	17.7	0.0
-62.5°	212.7	156.4	106.8	66.6	37.2	16.4	0.0
-65°	195.0	142.8	96.8	60.1	34.2	15.0	0.0
-67.5°	176.2	127.9	86.1	53.2	31.1	13.6	0.0
-70°	156.5	111.8	74.8	46.1	27.9	12.2	0.0
-72.5°	133.8	94.8	63.1	40.3	24.6	10.8	0.0
-75°	109.8	77.2	50.9	34.8	21.3	9.3	0.0
-77.5°	85.0	59.1	42.0	29.2	17.8	7.8	0.0
-80°	59.6	45.4	33.8	23.5	14.3	6.2	0.0
-82.5°	43.8	34.2	25.5	17.7	10.8	4.7	0.0
-85°	29.3	22.9	17.0	11.8	7.2	3.1	0.0
-87.5°	14.7	11.5	8.5	5.9	3.6	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)