

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6E-740-U-LAM-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6E-740-U-LAM-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

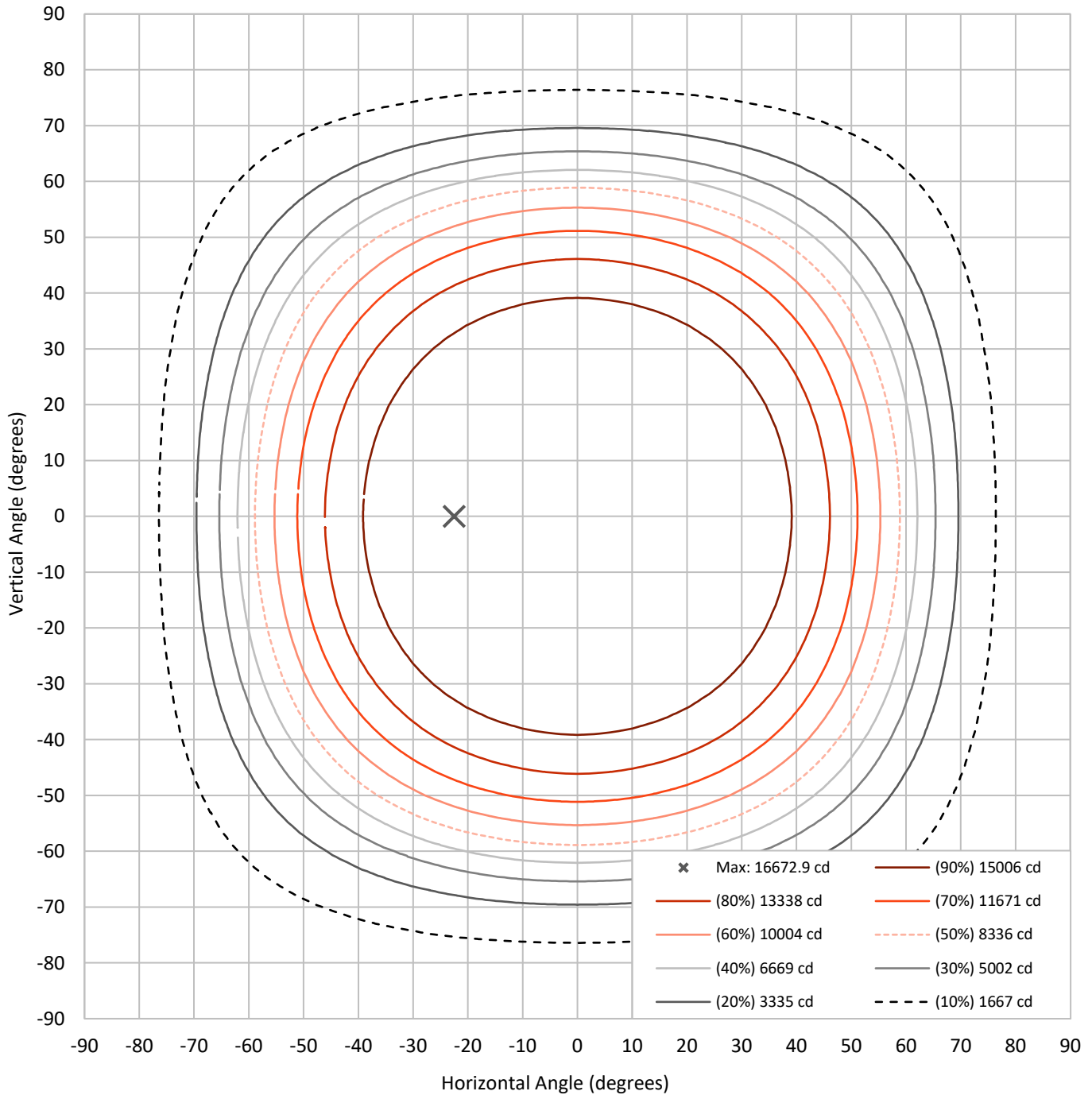
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	51003.5 lumens	Max Intensity:	16672.9 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	135.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	42446 lumens	Field Lumens:	50000.4 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	376.7		
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





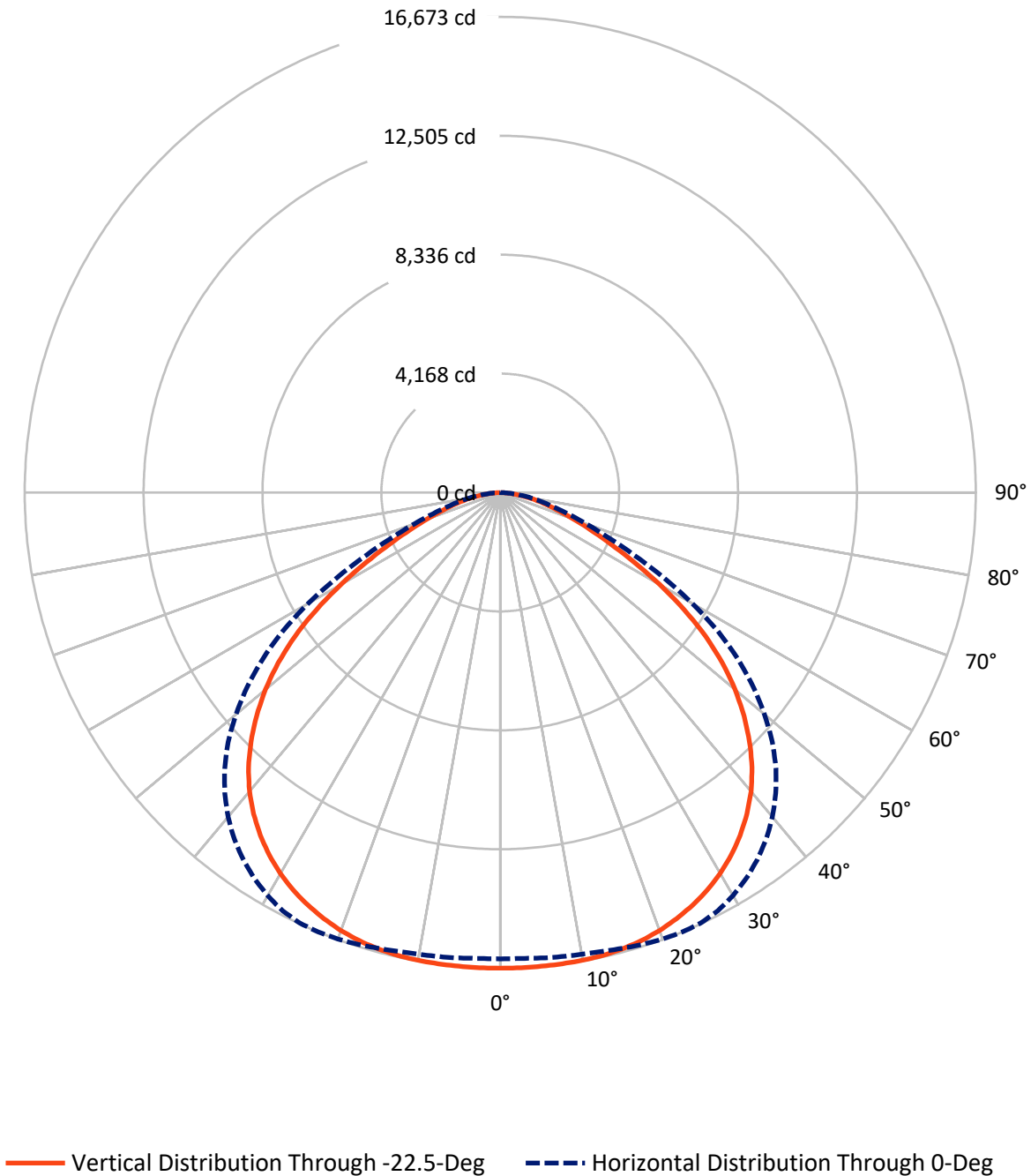
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### Lumen Table

90																			
80	2.5	26.4	74.7	124.3	145.6	124.3	74.7	26.4	2.5										
70																			
60	12.6	14.8	31.0	54.2	83.8	115.7	143.0	158.2	158.2	143.0	115.7	83.8	54.2	31.0	14.8				12.6
50																			
40	23.8	23.1	52.9	102.5	167.6	230.7	277.7	302.6	302.6	277.7	230.7	167.6	102.5	52.9	23.1				23.8
30																			
20	32.6	32.9	83.6	166.6	255.5	329.9	382.4	409.3	409.3	382.4	329.9	255.5	166.6	83.6	32.9				32.6
10																			
0	36.0	44.1	118.3	221.0	317.6	394.9	446.8	472.7	472.7	446.8	394.9	317.6	221.0	118.3	44.1				36.0
-10																			
-20	32.6	55.2	147.3	258.0	357.1	432.4	480.4	501.7	501.7	480.4	432.4	357.1	258.0	147.3	55.2				32.6
-30																			
-40	23.8	64.1	166.3	280.7	379.2	450.8	488.9	502.0	502.0	488.9	450.8	379.2	280.7	166.3	64.1				23.8
-50																			
-60	12.6	68.8	175.7	291.3	389.0	456.5	486.7	497.3	497.3	486.7	456.5	389.0	291.3	175.7	68.8				12.6
-70																			
-80	2.5	68.8	175.7	291.3	389.0	456.5	486.7	497.3	497.3	486.7	456.5	389.0	291.3	175.7	68.8				2.5
-90																			

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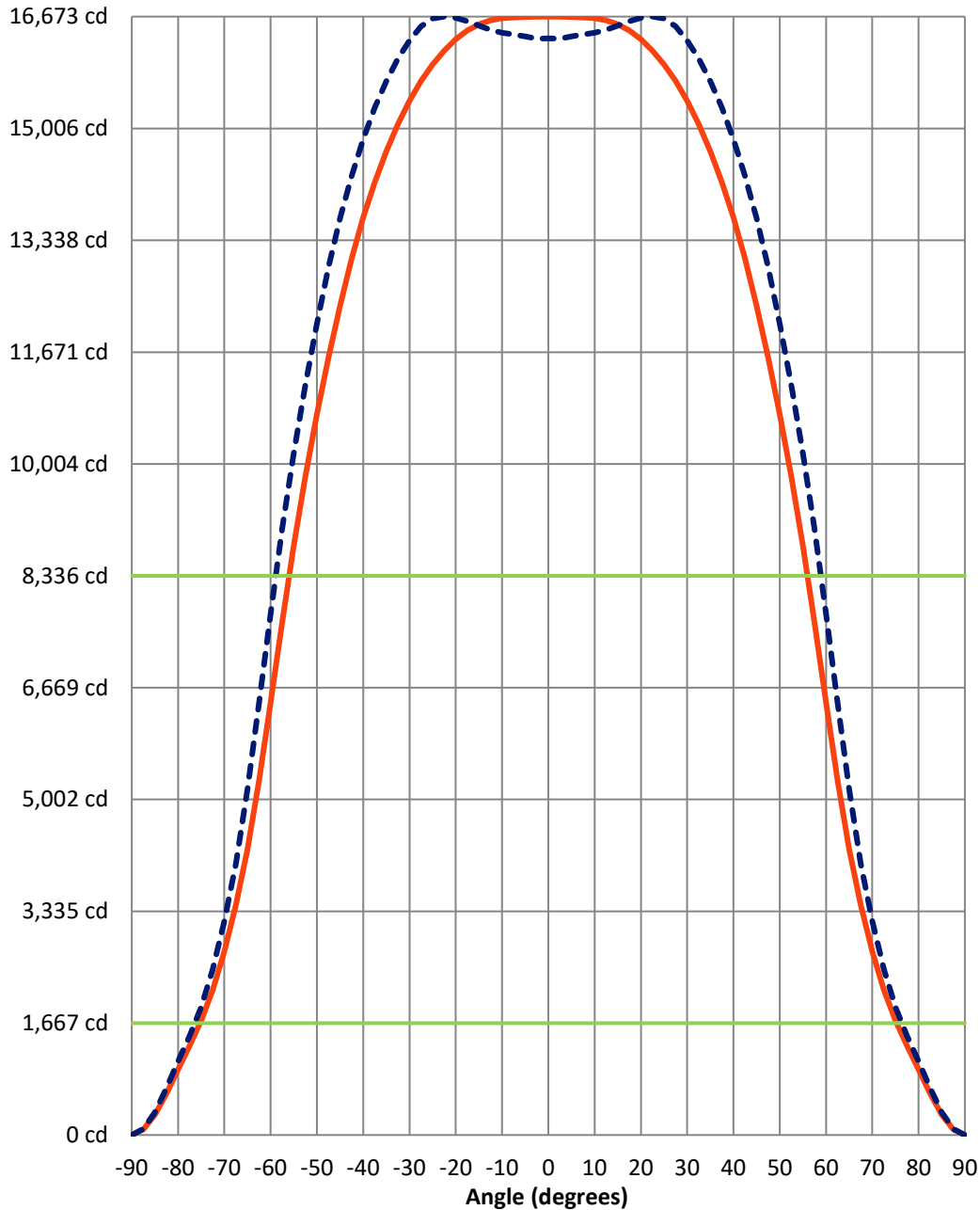
### Luminous Intensity Polar Plot





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### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 42446  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 50000.4  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 1003.1  
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	4.0	7.9	11.9	15.8	19.7	23.6	27.4	31.2	34.9	38.5
85°	0.0	7.9	15.9	23.8	31.6	39.4	47.2	54.8	62.3	69.7	77.0
82.5°	0.0	11.9	23.8	35.6	47.4	59.1	70.6	82.1	97.0	127.2	156.9
80°	0.0	15.8	31.6	47.4	63.0	78.6	98.7	140.1	181.0	221.2	260.8
77.5°	0.0	19.7	39.4	59.1	78.6	109.6	161.8	213.4	264.4	314.6	375.2
75°	0.0	23.6	47.2	70.6	98.7	161.8	224.3	286.1	350.6	438.2	524.2
72.5°	0.0	27.4	54.8	82.1	140.1	213.4	286.1	366.5	469.8	571.6	671.8
70°	0.0	31.2	62.3	97.0	181.0	264.4	350.6	469.8	587.5	703.8	829.5
67.5°	0.0	34.9	69.7	127.2	221.2	314.6	438.2	571.6	703.8	847.0	987.9
65°	0.0	38.5	77.0	156.9	260.8	375.2	524.2	671.8	829.5	987.9	1141.9
62.5°	0.0	42.1	84.1	186.0	299.5	445.6	608.6	777.1	952.8	1125.1	1288.3
60°	0.0	45.6	91.1	214.5	337.4	514.5	691.2	883.0	1073.7	1254.6	1431.9
57.5°	0.0	49.0	109.5	242.2	390.4	581.8	779.0	986.5	1187.6	1381.3	1585.2
55°	0.0	52.3	127.5	269.2	442.8	647.2	865.5	1087.3	1297.5	1508.5	1740.8
52.5°	0.0	55.5	144.9	295.4	493.6	711.8	949.4	1181.3	1404.3	1644.9	1892.3
50°	0.0	58.6	161.8	320.7	542.8	779.6	1030.8	1271.9	1512.0	1777.2	2080.6
47.5°	0.0	61.6	178.1	347.8	590.3	844.9	1108.8	1359.4	1625.7	1905.2	2267.7
45°	0.0	64.5	193.7	382.0	635.9	907.8	1180.9	1443.7	1735.1	2066.4	2448.2
42.5°	0.0	67.2	208.7	414.8	679.6	968.1	1250.0	1530.8	1840.2	2222.1	2660.9
40°	0.0	69.9	223.0	446.0	723.4	1025.6	1316.0	1618.4	1950.8	2371.1	2871.0
37.5°	0.0	72.3	236.6	475.7	767.1	1080.2	1378.8	1701.8	2076.4	2523.4	3071.3
35°	0.0	74.7	249.4	503.7	808.3	1130.3	1438.2	1780.7	2195.4	2693.5	3275.8
32.5°	0.0	76.9	261.4	530.0	847.0	1176.7	1496.3	1855.0	2307.5	2853.8	3490.8
30°	0.0	79.0	272.7	554.7	883.3	1220.1	1555.5	1929.6	2412.4	3004.0	3692.4
27.5°	0.0	80.9	283.1	577.5	916.9	1260.3	1610.6	2014.4	2519.5	3143.7	3880.0
25°	0.0	82.7	292.7	598.5	947.8	1297.3	1661.2	2092.5	2633.1	3289.3	4055.3
22.5°	0.0	84.3	301.4	617.6	975.9	1331.1	1707.4	2163.7	2736.8	3430.3	4260.0
20°	0.0	85.7	309.3	634.8	1001.3	1361.5	1749.0	2227.9	2830.3	3557.6	4444.8
17.5°	0.0	87.0	316.3	650.1	1023.8	1388.5	1785.9	2284.9	2913.4	3670.7	4609.2
15°	0.0	88.1	322.4	663.4	1043.4	1412.0	1818.1	2334.6	2985.8	3769.5	4752.7
12.5°	0.0	89.0	327.5	674.7	1060.0	1431.9	1845.5	2376.8	3047.4	3853.5	4874.9
10°	0.0	89.8	331.7	683.9	1073.7	1448.3	1868.0	2411.6	3098.1	3922.5	4975.3
7.5°	0.0	90.4	335.0	691.2	1084.4	1461.1	1885.5	2438.7	3137.6	3976.4	5053.8
5°	0.0	90.9	337.4	696.4	1092.0	1470.3	1898.0	2458.1	3165.9	4015.0	5110.0
2.5°	0.0	91.1	338.8	699.5	1096.6	1475.8	1905.6	2469.7	3182.9	4038.3	5143.8
0°	0.0	91.2	339.3	700.5	1098.1	1477.6	1908.1	2473.6	3188.6	4046.0	5155.1
-2.5°	0.0	91.1	338.8	699.5	1096.6	1475.8	1905.6	2469.7	3182.9	4038.3	5143.8
-5°	0.0	90.9	337.4	696.4	1092.0	1470.3	1898.0	2458.1	3165.9	4015.0	5110.0
-7.5°	0.0	90.4	335.0	691.2	1084.4	1461.1	1885.5	2438.7	3137.6	3976.4	5053.8
-10°	0.0	89.8	331.7	683.9	1073.7	1448.3	1868.0	2411.6	3098.1	3922.5	4975.3
-12.5°	0.0	89.0	327.5	674.7	1060.0	1431.9	1845.5	2376.8	3047.4	3853.5	4874.9
-15°	0.0	88.1	322.4	663.4	1043.4	1412.0	1818.1	2334.6	2985.8	3769.5	4752.7
-17.5°	0.0	87.0	316.3	650.1	1023.8	1388.5	1785.9	2284.9	2913.4	3670.7	4609.2
-20°	0.0	85.7	309.3	634.8	1001.3	1361.5	1749.0	2227.9	2830.3	3557.6	4444.8

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	84.3	301.4	617.6	975.9	1331.1	1707.4	2163.7	2736.8	3430.3	4260.0
-25°	0.0	82.7	292.7	598.5	947.8	1297.3	1661.2	2092.5	2633.1	3289.3	4055.3
-27.5°	0.0	80.9	283.1	577.5	916.9	1260.3	1610.6	2014.4	2519.5	3143.7	3880.0
-30°	0.0	79.0	272.7	554.7	883.3	1220.1	1555.5	1929.6	2412.4	3004.0	3692.4
-32.5°	0.0	76.9	261.4	530.0	847.0	1176.7	1496.3	1855.0	2307.5	2853.8	3490.8
-35°	0.0	74.7	249.4	503.7	808.3	1130.3	1438.2	1780.7	2195.4	2693.5	3275.8
-37.5°	0.0	72.3	236.6	475.7	767.1	1080.2	1378.8	1701.8	2076.4	2523.4	3071.3
-40°	0.0	69.9	223.0	446.0	723.4	1025.6	1316.0	1618.4	1950.8	2371.1	2871.0
-42.5°	0.0	67.2	208.7	414.8	679.6	968.1	1250.0	1530.8	1840.2	2222.1	2660.9
-45°	0.0	64.5	193.7	382.0	635.9	907.8	1180.9	1443.7	1735.1	2066.4	2448.2
-47.5°	0.0	61.6	178.1	347.8	590.3	844.9	1108.8	1359.4	1625.7	1905.2	2267.7
-50°	0.0	58.6	161.8	320.7	542.8	779.6	1030.8	1271.9	1512.0	1777.2	2080.6
-52.5°	0.0	55.5	144.9	295.4	493.6	711.8	949.4	1181.3	1404.3	1644.9	1892.3
-55°	0.0	52.3	127.5	269.2	442.8	647.2	865.5	1087.3	1297.5	1508.5	1740.8
-57.5°	0.0	49.0	109.5	242.2	390.4	581.8	779.0	986.5	1187.6	1381.3	1585.2
-60°	0.0	45.6	91.1	214.5	337.4	514.5	691.2	883.0	1073.7	1254.6	1431.9
-62.5°	0.0	42.1	84.1	186.0	299.5	445.6	608.6	777.1	952.8	1125.1	1288.3
-65°	0.0	38.5	77.0	156.9	260.8	375.2	524.2	671.8	829.5	987.9	1141.9
-67.5°	0.0	34.9	69.7	127.2	221.2	314.6	438.2	571.6	703.8	847.0	987.9
-70°	0.0	31.2	62.3	97.0	181.0	264.4	350.6	469.8	587.5	703.8	829.5
-72.5°	0.0	27.4	54.8	82.1	140.1	213.4	286.1	366.5	469.8	571.6	671.8
-75°	0.0	23.6	47.2	70.6	98.7	161.8	224.3	286.1	350.6	438.2	524.2
-77.5°	0.0	19.7	39.4	59.1	78.6	109.6	161.8	213.4	264.4	314.6	375.2
-80°	0.0	15.8	31.6	47.4	63.0	78.6	98.7	140.1	181.0	221.2	260.8
-82.5°	0.0	11.9	23.8	35.6	47.4	59.1	70.6	82.1	97.0	127.2	156.9
-85°	0.0	7.9	15.9	23.8	31.6	39.4	47.2	54.8	62.3	69.7	77.0
-87.5°	0.0	4.0	7.9	11.9	15.8	19.7	23.6	27.4	31.2	34.9	38.5
-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°	42.1	45.6	49.0	52.3	55.5	58.6	61.6	64.5	67.2	69.9	72.3
85°	84.1	91.1	109.5	127.5	144.9	161.8	178.1	193.7	208.7	223.0	236.6
82.5°	186.0	214.5	242.2	269.2	295.4	320.7	347.8	382.0	414.8	446.0	475.7
80°	299.5	337.4	390.4	442.8	493.6	542.8	590.3	635.9	679.6	723.4	767.1
77.5°	445.6	514.5	581.8	647.2	711.8	779.6	844.9	907.8	968.1	1025.6	1080.2
75°	608.6	691.2	779.0	865.5	949.4	1030.8	1108.8	1180.9	1250.0	1316.0	1378.8
72.5°	777.1	883.0	986.5	1087.3	1181.3	1271.9	1359.4	1443.7	1530.8	1618.4	1701.8
70°	952.8	1073.7	1187.6	1297.5	1404.3	1512.0	1625.7	1735.1	1840.2	1950.8	2076.4
67.5°	1125.1	1254.6	1381.3	1508.5	1644.9	1777.2	1905.2	2066.4	2222.1	2371.1	2523.4
65°	1288.3	1431.9	1585.2	1740.8	1892.3	2080.6	2267.7	2448.2	2660.9	2871.0	3071.3
62.5°	1448.9	1623.7	1798.7	1989.1	2207.9	2420.6	2667.2	2918.8	3161.0	3433.8	3699.4
60°	1623.7	1818.1	2040.2	2284.9	2536.8	2830.3	3115.0	3430.3	3748.2	4055.3	4432.2
57.5°	1798.7	2040.2	2310.6	2602.2	2928.9	3258.7	3629.0	3987.4	4417.3	4846.8	5274.1
55°	1989.1	2284.9	2602.2	2961.9	3338.3	3749.2	4178.7	4679.3	5163.8	5703.6	6220.5
52.5°	2207.9	2536.8	2928.9	3338.3	3789.5	4283.6	4837.8	5411.0	6014.6	6600.7	7175.6
50°	2420.6	2830.3	3258.7	3749.2	4283.6	4890.9	5535.4	6202.9	6861.9	7504.7	8106.7
47.5°	2667.2	3115.0	3629.0	4178.7	4837.8	5535.4	6266.0	6993.4	7704.2	8363.6	8995.2
45°	2918.8	3430.3	3987.4	4679.3	5411.0	6202.9	6993.4	7771.0	8493.0	9174.4	9770.5
42.5°	3161.0	3748.2	4417.3	5163.8	6014.6	6861.9	7704.2	8493.0	9232.8	9889.0	10487.8
40°	3433.8	4055.3	4846.8	5703.6	6600.7	7504.7	8363.6	9174.4	9889.0	10542.4	11148.7
37.5°	3699.4	4432.2	5274.1	6220.5	7175.6	8106.7	8995.2	9770.5	10487.8	11148.7	11730.3
35°	3951.6	4790.5	5728.1	6721.5	7724.2	8670.9	9535.6	10325.1	11037.6	11679.0	12273.7
32.5°	4232.0	5129.2	6157.7	7202.9	8224.1	9188.1	10045.4	10817.5	11526.0	12177.2	12767.8
30°	4521.2	5494.5	6565.5	7656.3	8693.6	9636.5	10492.3	11274.2	11977.0	12620.4	13199.2
27.5°	4790.5	5839.1	6954.5	8066.5	9122.5	10057.0	10901.3	11671.0	12378.0	13025.7	13586.6
25°	5039.3	6157.7	7314.6	8442.0	9483.5	10420.3	11272.1	12041.3	12744.3	13365.8	13911.1
22.5°	5284.9	6449.6	7644.6	8786.6	9815.3	10744.9	11589.0	12360.3	13063.7	13679.4	14202.7
20°	5523.7	6721.5	7935.8	9092.1	10116.3	11040.0	11877.6	12647.5	13332.0	13928.2	14449.1
17.5°	5736.2	6963.8	8190.4	9338.8	10363.8	11291.8	12132.9	12905.3	13573.5	14152.6	14661.8
15°	5921.8	7175.6	8413.2	9554.8	10576.7	11501.1	12342.2	13106.1	13769.7	14344.1	14849.7
12.5°	6079.9	7356.1	8603.3	9739.3	10758.6	11680.2	12521.5	13274.8	13927.2	14494.2	14988.9
10°	6210.0	7504.7	8759.8	9891.4	10908.7	11828.1	12669.8	13414.5	14057.9	14618.9	15104.8
7.5°	6311.7	7620.9	8882.3	10010.3	11026.3	11944.0	12786.1	13524.2	14160.6	14717.1	15196.3
5°	6384.6	7704.2	8970.1	10095.7	11110.7	12027.3	12869.8	13603.2	14234.6	14788.0	15262.4
2.5°	6428.4	7754.3	9023.0	10147.1	11161.5	12077.4	12920.2	13650.8	14279.3	14830.8	15302.3
0°	6443.0	7771.0	9040.6	10164.3	11178.5	12094.2	12937.0	13666.7	14294.2	14845.1	15315.7
-2.5°	6428.4	7754.3	9023.0	10147.1	11161.5	12077.4	12920.2	13650.8	14279.3	14830.8	15302.3
-5°	6384.6	7704.2	8970.1	10095.7	11110.7	12027.3	12869.8	13603.2	14234.6	14788.0	15262.4
-7.5°	6311.7	7620.9	8882.3	10010.3	11026.3	11944.0	12786.1	13524.2	14160.6	14717.1	15196.3
-10°	6210.0	7504.7	8759.8	9891.4	10908.7	11828.1	12669.8	13414.5	14057.9	14618.9	15104.8
-12.5°	6079.9	7356.1	8603.3	9739.3	10758.6	11680.2	12521.5	13274.8	13927.2	14494.2	14988.9
-15°	5921.8	7175.6	8413.2	9554.8	10576.7	11501.1	12342.2	13106.1	13769.7	14344.1	14849.7
-17.5°	5736.2	6963.8	8190.4	9338.8	10363.8	11291.8	12132.9	12905.3	13573.5	14152.6	14661.8
-20°	5523.7	6721.5	7935.8	9092.1	10116.3	11040.0	11877.6	12647.5	13332.0	13928.2	14449.1



REPORT NUMBER: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	5284.9	6449.6	7644.6	8786.6	9815.3	10744.9	11589.0	12360.3	13063.7	13679.4	14202.7
-25°	5039.3	6157.7	7314.6	8442.0	9483.5	10420.3	11272.1	12041.3	12744.3	13365.8	13911.1
-27.5°	4790.5	5839.1	6954.5	8066.5	9122.5	10057.0	10901.3	11671.0	12378.0	13025.7	13586.6
-30°	4521.2	5494.5	6565.5	7656.3	8693.6	9636.5	10492.3	11274.2	11977.0	12620.4	13199.2
-32.5°	4232.0	5129.2	6157.7	7202.9	8224.1	9188.1	10045.4	10817.5	11526.0	12177.2	12767.8
-35°	3951.6	4790.5	5728.1	6721.5	7724.2	8670.9	9535.6	10325.1	11037.6	11679.0	12273.7
-37.5°	3699.4	4432.2	5274.1	6220.5	7175.6	8106.7	8995.2	9770.5	10487.8	11148.7	11730.3
-40°	3433.8	4055.3	4846.8	5703.6	6600.7	7504.7	8363.6	9174.4	9889.0	10542.4	11148.7
-42.5°	3161.0	3748.2	4417.3	5163.8	6014.6	6861.9	7704.2	8493.0	9232.8	9889.0	10487.8
-45°	2918.8	3430.3	3987.4	4679.3	5411.0	6202.9	6993.4	7771.0	8493.0	9174.4	9770.5
-47.5°	2667.2	3115.0	3629.0	4178.7	4837.8	5535.4	6266.0	6993.4	7704.2	8363.6	8995.2
-50°	2420.6	2830.3	3258.7	3749.2	4283.6	4890.9	5535.4	6202.9	6861.9	7504.7	8106.7
-52.5°	2207.9	2536.8	2928.9	3338.3	3789.5	4283.6	4837.8	5411.0	6014.6	6600.7	7175.6
-55°	1989.1	2284.9	2602.2	2961.9	3338.3	3749.2	4178.7	4679.3	5163.8	5703.6	6220.5
-57.5°	1798.7	2040.2	2310.6	2602.2	2928.9	3258.7	3629.0	3987.4	4417.3	4846.8	5274.1
-60°	1623.7	1818.1	2040.2	2284.9	2536.8	2830.3	3115.0	3430.3	3748.2	4055.3	4432.2
-62.5°	1448.9	1623.7	1798.7	1989.1	2207.9	2420.6	2667.2	2918.8	3161.0	3433.8	3699.4
-65°	1288.3	1431.9	1585.2	1740.8	1892.3	2080.6	2267.7	2448.2	2660.9	2871.0	3071.3
-67.5°	1125.1	1254.6	1381.3	1508.5	1644.9	1777.2	1905.2	2066.4	2222.1	2371.1	2523.4
-70°	952.8	1073.7	1187.6	1297.5	1404.3	1512.0	1625.7	1735.1	1840.2	1950.8	2076.4
-72.5°	777.1	883.0	986.5	1087.3	1181.3	1271.9	1359.4	1443.7	1530.8	1618.4	1701.8
-75°	608.6	691.2	779.0	865.5	949.4	1030.8	1108.8	1180.9	1250.0	1316.0	1378.8
-77.5°	445.6	514.5	581.8	647.2	711.8	779.6	844.9	907.8	968.1	1025.6	1080.2
-80°	299.5	337.4	390.4	442.8	493.6	542.8	590.3	635.9	679.6	723.4	767.1
-82.5°	186.0	214.5	242.2	269.2	295.4	320.7	347.8	382.0	414.8	446.0	475.7
-85°	84.1	91.1	109.5	127.5	144.9	161.8	178.1	193.7	208.7	223.0	236.6
-87.5°	42.1	45.6	49.0	52.3	55.5	58.6	61.6	64.5	67.2	69.9	72.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-740-U-LAM-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°	74.7	76.9	79.0	80.9	82.7	84.3	85.7	87.0	88.1	89.0	89.8
85°	249.4	261.4	272.7	283.1	292.7	301.4	309.3	316.3	322.4	327.5	331.7
82.5°	503.7	530.0	554.7	577.5	598.5	617.6	634.8	650.1	663.4	674.7	683.9
80°	808.3	847.0	883.3	916.9	947.8	975.9	1001.3	1023.8	1043.4	1060.0	1073.7
77.5°	1130.3	1176.7	1220.1	1260.3	1297.3	1331.1	1361.5	1388.5	1412.0	1431.9	1448.3
75°	1438.2	1496.3	1555.5	1610.6	1661.2	1707.4	1749.0	1785.9	1818.1	1845.5	1868.0
72.5°	1780.7	1855.0	1929.6	2014.4	2092.5	2163.7	2227.9	2284.9	2334.6	2376.8	2411.6
70°	2195.4	2307.5	2412.4	2519.5	2633.1	2736.8	2830.3	2913.4	2985.8	3047.4	3098.1
67.5°	2693.5	2853.8	3004.0	3143.7	3289.3	3430.3	3557.6	3670.7	3769.5	3853.5	3922.5
65°	3275.8	3490.8	3692.4	3880.0	4055.3	4260.0	4444.8	4609.2	4752.7	4874.9	4975.3
62.5°	3951.6	4232.0	4521.2	4790.5	5039.3	5284.9	5523.7	5736.2	5921.8	6079.9	6210.0
60°	4790.5	5129.2	5494.5	5839.1	6157.7	6449.6	6721.5	6963.8	7175.6	7356.1	7504.7
57.5°	5728.1	6157.7	6565.5	6954.5	7314.6	7644.6	7935.8	8190.4	8413.2	8603.3	8759.8
55°	6721.5	7202.9	7656.3	8066.5	8442.0	8786.6	9092.1	9338.8	9554.8	9739.3	9891.4
52.5°	7724.2	8224.1	8693.6	9122.5	9483.5	9815.3	10116.3	10363.8	10576.7	10758.6	10908.7
50°	8670.9	9188.1	9636.5	10057.0	10420.3	10744.9	11040.0	11291.8	11501.1	11680.2	11828.1
47.5°	9535.6	10045.4	10492.3	10901.3	11272.1	11589.0	11877.6	12132.9	12342.2	12521.5	12669.8
45°	10325.1	10817.5	11274.2	11671.0	12041.3	12360.3	12647.5	12905.3	13106.1	13274.8	13414.5
42.5°	11037.6	11526.0	11977.0	12378.0	12744.3	13063.7	13332.0	13573.5	13769.7	13927.2	14057.9
40°	11679.0	12177.2	12620.4	13025.7	13365.8	13679.4	13928.2	14152.6	14344.1	14494.2	14618.9
37.5°	12273.7	12767.8	13199.2	13586.6	13911.1	14202.7	14449.1	14661.8	14849.7	14988.9	15104.8
35°	12817.3	13286.9	13713.5	14068.8	14390.4	14665.0	14907.5	15103.8	15278.3	15411.0	15516.7
32.5°	13286.9	13752.4	14148.6	14498.2	14812.3	15068.5	15301.1	15480.9	15639.3	15767.0	15865.2
30°	13713.5	14148.6	14534.5	14880.9	15167.0	15416.6	15626.0	15801.6	15947.9	16069.7	16156.1
27.5°	14068.8	14498.2	14880.9	15200.2	15474.0	15714.3	15906.0	16075.1	16202.8	16314.9	16389.2
25°	14390.4	14812.3	15167.0	15474.0	15739.9	15959.2	16141.7	16294.9	16408.1	16504.1	16559.4
22.5°	14665.0	15068.5	15416.6	15714.3	15959.2	16164.2	16336.2	16465.9	16558.6	16616.6	16649.4
20°	14907.5	15301.1	15626.0	15906.0	16141.7	16336.2	16485.5	16581.3	16645.9	16661.8	16671.2
17.5°	15103.8	15480.9	15801.6	16075.1	16294.9	16465.9	16581.3	16648.9	16668.3	16664.8	16655.3
15°	15278.3	15639.3	15947.9	16202.8	16408.1	16558.6	16645.9	16668.3	16662.6	16643.1	16613.1
12.5°	15411.0	15767.0	16069.7	16314.9	16504.1	16616.6	16661.8	16664.8	16643.1	16605.8	16563.1
10°	15516.7	15865.2	16156.1	16389.2	16559.4	16649.4	16671.2	16655.3	16613.1	16563.1	16515.7
7.5°	15600.3	15943.1	16224.9	16448.5	16595.6	16659.4	16664.2	16634.1	16583.4	16526.7	16475.5
5°	15660.8	15999.7	16274.8	16491.8	16622.1	16666.8	16659.0	16617.5	16558.7	16499.4	16452.6
2.5°	15697.4	16033.9	16305.2	16518.1	16638.3	16671.4	16655.8	16607.1	16543.2	16481.9	16437.4
0°	15709.7	16045.4	16315.4	16527.0	16643.7	16672.9	16654.7	16603.6	16537.9	16475.9	16432.1
-2.5°	15697.4	16033.9	16305.2	16518.1	16638.3	16671.4	16655.8	16607.1	16543.2	16481.9	16437.4
-5°	15660.8	15999.7	16274.8	16491.8	16622.1	16666.8	16659.0	16617.5	16558.7	16499.4	16452.6
-7.5°	15600.3	15943.1	16224.9	16448.5	16595.6	16659.4	16664.2	16634.1	16583.4	16526.7	16475.5
-10°	15516.7	15865.2	16156.1	16389.2	16559.4	16649.4	16671.2	16655.3	16613.1	16563.1	16515.7
-12.5°	15411.0	15767.0	16069.7	16314.9	16504.1	16616.6	16661.8	16664.8	16643.1	16605.8	16563.1
-15°	15278.3	15639.3	15947.9	16202.8	16408.1	16558.6	16645.9	16668.3	16662.6	16643.1	16613.1
-17.5°	15103.8	15480.9	15801.6	16075.1	16294.9	16465.9	16581.3	16648.9	16668.3	16664.8	16655.3
-20°	14907.5	15301.1	15626.0	15906.0	16141.7	16336.2	16485.5	16581.3	16645.9	16661.8	16671.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6E-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	14665.0	15068.5	15416.6	15714.3	15959.2	16164.2	16336.2	16465.9	16558.6	16616.6	16649.4
-25°	14390.4	14812.3	15167.0	15474.0	15739.9	15959.2	16141.7	16294.9	16408.1	16504.1	16559.4
-27.5°	14068.8	14498.2	14880.9	15200.2	15474.0	15714.3	15906.0	16075.1	16202.8	16314.9	16389.2
-30°	13713.5	14148.6	14534.5	14880.9	15167.0	15416.6	15626.0	15801.6	15947.9	16069.7	16156.1
-32.5°	13286.9	13752.4	14148.6	14498.2	14812.3	15068.5	15301.1	15480.9	15639.3	15767.0	15865.2
-35°	12817.3	13286.9	13713.5	14068.8	14390.4	14665.0	14907.5	15103.8	15278.3	15411.0	15516.7
-37.5°	12273.7	12767.8	13199.2	13586.6	13911.1	14202.7	14449.1	14661.8	14849.7	14988.9	15104.8
-40°	11679.0	12177.2	12620.4	13025.7	13365.8	13679.4	13928.2	14152.6	14344.1	14494.2	14618.9
-42.5°	11037.6	11526.0	11977.0	12378.0	12744.3	13063.7	13332.0	13573.5	13769.7	13927.2	14057.9
-45°	10325.1	10817.5	11274.2	11671.0	12041.3	12360.3	12647.5	12905.3	13106.1	13274.8	13414.5
-47.5°	9535.6	10045.4	10492.3	10901.3	11272.1	11589.0	11877.6	12132.9	12342.2	12521.5	12669.8
-50°	8670.9	9188.1	9636.5	10057.0	10420.3	10744.9	11040.0	11291.8	11501.1	11680.2	11828.1
-52.5°	7724.2	8224.1	8693.6	9122.5	9483.5	9815.3	10116.3	10363.8	10576.7	10758.6	10908.7
-55°	6721.5	7202.9	7656.3	8066.5	8442.0	8786.6	9092.1	9338.8	9554.8	9739.3	9891.4
-57.5°	5728.1	6157.7	6565.5	6954.5	7314.6	7644.6	7935.8	8190.4	8413.2	8603.3	8759.8
-60°	4790.5	5129.2	5494.5	5839.1	6157.7	6449.6	6721.5	6963.8	7175.6	7356.1	7504.7
-62.5°	3951.6	4232.0	4521.2	4790.5	5039.3	5284.9	5523.7	5736.2	5921.8	6079.9	6210.0
-65°	3275.8	3490.8	3692.4	3880.0	4055.3	4260.0	4444.8	4609.2	4752.7	4874.9	4975.3
-67.5°	2693.5	2853.8	3004.0	3143.7	3289.3	3430.3	3557.6	3670.7	3769.5	3853.5	3922.5
-70°	2195.4	2307.5	2412.4	2519.5	2633.1	2736.8	2830.3	2913.4	2985.8	3047.4	3098.1
-72.5°	1780.7	1855.0	1929.6	2014.4	2092.5	2163.7	2227.9	2284.9	2334.6	2376.8	2411.6
-75°	1438.2	1496.3	1555.5	1610.6	1661.2	1707.4	1749.0	1785.9	1818.1	1845.5	1868.0
-77.5°	1130.3	1176.7	1220.1	1260.3	1297.3	1331.1	1361.5	1388.5	1412.0	1431.9	1448.3
-80°	808.3	847.0	883.3	916.9	947.8	975.9	1001.3	1023.8	1043.4	1060.0	1073.7
-82.5°	503.7	530.0	554.7	577.5	598.5	617.6	634.8	650.1	663.4	674.7	683.9
-85°	249.4	261.4	272.7	283.1	292.7	301.4	309.3	316.3	322.4	327.5	331.7
-87.5°	74.7	76.9	79.0	80.9	82.7	84.3	85.7	87.0	88.1	89.0	89.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-740-U-LAM-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°	90.4	90.9	91.1	91.2	91.1	90.9	90.4	89.8	89.0	88.1	87.0
85°	335.0	337.4	338.8	339.3	338.8	337.4	335.0	331.7	327.5	322.4	316.3
82.5°	691.2	696.4	699.5	700.5	699.5	696.4	691.2	683.9	674.7	663.4	650.1
80°	1084.4	1092.0	1096.6	1098.1	1096.6	1092.0	1084.4	1073.7	1060.0	1043.4	1023.8
77.5°	1461.1	1470.3	1475.8	1477.6	1475.8	1470.3	1461.1	1448.3	1431.9	1412.0	1388.5
75°	1885.5	1898.0	1905.6	1908.1	1905.6	1898.0	1885.5	1868.0	1845.5	1818.1	1785.9
72.5°	2438.7	2458.1	2469.7	2473.6	2469.7	2458.1	2438.7	2411.6	2376.8	2334.6	2284.9
70°	3137.6	3165.9	3182.9	3188.6	3182.9	3165.9	3137.6	3098.1	3047.4	2985.8	2913.4
67.5°	3976.4	4015.0	4038.3	4046.0	4038.3	4015.0	3976.4	3922.5	3853.5	3769.5	3670.7
65°	5053.8	5110.0	5143.8	5155.1	5143.8	5110.0	5053.8	4975.3	4874.9	4752.7	4609.2
62.5°	6311.7	6384.6	6428.4	6443.0	6428.4	6384.6	6311.7	6210.0	6079.9	5921.8	5736.2
60°	7620.9	7704.2	7754.3	7771.0	7754.3	7704.2	7620.9	7504.7	7356.1	7175.6	6963.8
57.5°	8882.3	8970.1	9023.0	9040.6	9023.0	8970.1	8882.3	8759.8	8603.3	8413.2	8190.4
55°	10010.3	10095.7	10147.1	10164.3	10147.1	10095.7	10010.3	9891.4	9739.3	9554.8	9338.8
52.5°	11026.3	11110.7	11161.5	11178.5	11161.5	11110.7	11026.3	10908.7	10758.6	10576.7	10363.8
50°	11944.0	12027.3	12077.4	12094.2	12077.4	12027.3	11944.0	11828.1	11680.2	11501.1	11291.8
47.5°	12786.1	12869.8	12920.2	12937.0	12920.2	12869.8	12786.1	12669.8	12521.5	12342.2	12132.9
45°	13524.2	13603.2	13650.8	13666.7	13650.8	13603.2	13524.2	13414.5	13274.8	13106.1	12905.3
42.5°	14160.6	14234.6	14279.3	14294.2	14279.3	14234.6	14160.6	14057.9	13927.2	13769.7	13573.5
40°	14717.1	14788.0	14830.8	14845.1	14830.8	14788.0	14717.1	14618.9	14494.2	14344.1	14152.6
37.5°	15196.3	15262.4	15302.3	15315.7	15302.3	15262.4	15196.3	15104.8	14988.9	14849.7	14661.8
35°	15600.3	15660.8	15697.4	15709.7	15697.4	15660.8	15600.3	15516.7	15411.0	15278.3	15103.8
32.5°	15943.1	15999.7	16033.9	16045.4	16033.9	15999.7	15943.1	15865.2	15767.0	15639.3	15480.9
30°	16224.9	16274.8	16305.2	16315.4	16305.2	16274.8	16224.9	16156.1	16069.7	15947.9	15801.6
27.5°	16448.5	16491.8	16518.1	16527.0	16518.1	16491.8	16448.5	16389.2	16314.9	16202.8	16075.1
25°	16595.6	16622.1	16638.3	16643.7	16638.3	16622.1	16595.6	16559.4	16504.1	16408.1	16294.9
22.5°	16659.4	16666.8	16671.4	16672.9	16671.4	16666.8	16659.4	16649.4	16616.6	16558.6	16465.9
20°	16664.2	16659.0	16655.8	16654.7	16655.8	16659.0	16664.2	16671.2	16661.8	16645.9	16581.3
17.5°	16634.1	16617.5	16607.1	16603.6	16607.1	16617.5	16634.1	16655.3	16664.8	16668.3	16648.9
15°	16583.4	16558.7	16543.2	16537.9	16543.2	16558.7	16583.4	16613.1	16643.1	16662.6	16668.3
12.5°	16526.7	16499.4	16481.9	16475.9	16481.9	16499.4	16526.7	16563.1	16605.8	16643.1	16664.8
10°	16475.5	16452.6	16437.4	16432.1	16437.4	16452.6	16475.5	16515.7	16563.1	16613.1	16655.3
7.5°	16442.5	16422.0	16410.7	16406.6	16410.7	16422.0	16442.5	16475.5	16526.7	16583.4	16634.1
5°	16422.0	16401.5	16384.3	16377.4	16384.3	16401.5	16422.0	16452.6	16499.4	16558.7	16617.5
2.5°	16410.7	16384.3	16358.1	16344.5	16358.1	16384.3	16410.7	16437.4	16481.9	16543.2	16607.1
0°	16406.6	16377.4	16344.5	16348.2	16344.5	16377.4	16406.6	16432.1	16475.9	16537.9	16603.6
-2.5°	16410.7	16384.3	16358.1	16344.5	16358.1	16384.3	16410.7	16437.4	16481.9	16543.2	16607.1
-5°	16422.0	16401.5	16384.3	16377.4	16384.3	16401.5	16422.0	16452.6	16499.4	16558.7	16617.5
-7.5°	16442.5	16422.0	16410.7	16406.6	16410.7	16422.0	16442.5	16475.5	16526.7	16583.4	16634.1
-10°	16475.5	16452.6	16437.4	16432.1	16437.4	16452.6	16475.5	16515.7	16563.1	16613.1	16655.3
-12.5°	16526.7	16499.4	16481.9	16475.9	16481.9	16499.4	16526.7	16563.1	16605.8	16643.1	16664.8
-15°	16583.4	16558.7	16543.2	16537.9	16543.2	16558.7	16583.4	16613.1	16643.1	16662.6	16668.3
-17.5°	16634.1	16617.5	16607.1	16603.6	16607.1	16617.5	16634.1	16655.3	16664.8	16668.3	16648.9
-20°	16664.2	16659.0	16655.8	16654.7	16655.8	16659.0	16664.2	16671.2	16661.8	16645.9	16581.3



REPORT NUMBER: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16659.4	16666.8	16671.4	16672.9	16671.4	16666.8	16659.4	16649.4	16616.6	16558.6	16465.9
-25°	16595.6	16622.1	16638.3	16643.7	16638.3	16622.1	16595.6	16559.4	16504.1	16408.1	16294.9
-27.5°	16448.5	16491.8	16518.1	16527.0	16518.1	16491.8	16448.5	16389.2	16314.9	16202.8	16075.1
-30°	16224.9	16274.8	16305.2	16315.4	16305.2	16274.8	16224.9	16156.1	16069.7	15947.9	15801.6
-32.5°	15943.1	15999.7	16033.9	16045.4	16033.9	15999.7	15943.1	15865.2	15767.0	15639.3	15480.9
-35°	15600.3	15660.8	15697.4	15709.7	15697.4	15660.8	15600.3	15516.7	15411.0	15278.3	15103.8
-37.5°	15196.3	15262.4	15302.3	15315.7	15302.3	15262.4	15196.3	15104.8	14988.9	14849.7	14661.8
-40°	14717.1	14788.0	14830.8	14845.1	14830.8	14788.0	14717.1	14618.9	14494.2	14344.1	14152.6
-42.5°	14160.6	14234.6	14279.3	14294.2	14279.3	14234.6	14160.6	14057.9	13927.2	13769.7	13573.5
-45°	13524.2	13603.2	13650.8	13666.7	13650.8	13603.2	13524.2	13414.5	13274.8	13106.1	12905.3
-47.5°	12786.1	12869.8	12920.2	12937.0	12920.2	12869.8	12786.1	12669.8	12521.5	12342.2	12132.9
-50°	11944.0	12027.3	12077.4	12094.2	12077.4	12027.3	11944.0	11828.1	11680.2	11501.1	11291.8
-52.5°	11026.3	11110.7	11161.5	11178.5	11161.5	11110.7	11026.3	10908.7	10758.6	10576.7	10363.8
-55°	10010.3	10095.7	10147.1	10164.3	10147.1	10095.7	10010.3	9891.4	9739.3	9554.8	9338.8
-57.5°	8882.3	8970.1	9023.0	9040.6	9023.0	8970.1	8882.3	8759.8	8603.3	8413.2	8190.4
-60°	7620.9	7704.2	7754.3	7771.0	7754.3	7704.2	7620.9	7504.7	7356.1	7175.6	6963.8
-62.5°	6311.7	6384.6	6428.4	6443.0	6428.4	6384.6	6311.7	6210.0	6079.9	5921.8	5736.2
-65°	5053.8	5110.0	5143.8	5155.1	5143.8	5110.0	5053.8	4975.3	4874.9	4752.7	4609.2
-67.5°	3976.4	4015.0	4038.3	4046.0	4038.3	4015.0	3976.4	3922.5	3853.5	3769.5	3670.7
-70°	3137.6	3165.9	3182.9	3188.6	3182.9	3165.9	3137.6	3098.1	3047.4	2985.8	2913.4
-72.5°	2438.7	2458.1	2469.7	2473.6	2469.7	2458.1	2438.7	2411.6	2376.8	2334.6	2284.9
-75°	1885.5	1898.0	1905.6	1908.1	1905.6	1898.0	1885.5	1868.0	1845.5	1818.1	1785.9
-77.5°	1461.1	1470.3	1475.8	1477.6	1475.8	1470.3	1461.1	1448.3	1431.9	1412.0	1388.5
-80°	1084.4	1092.0	1096.6	1098.1	1096.6	1092.0	1084.4	1073.7	1060.0	1043.4	1023.8
-82.5°	691.2	696.4	699.5	700.5	699.5	696.4	691.2	683.9	674.7	663.4	650.1
-85°	335.0	337.4	338.8	339.3	338.8	337.4	335.0	331.7	327.5	322.4	316.3
-87.5°	90.4	90.9	91.1	91.2	91.1	90.9	90.4	89.8	89.0	88.1	87.0
-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: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-740-U-LAM-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°	85.7	84.3	82.7	80.9	79.0	76.9	74.7	72.3	69.9	67.2	64.5
85°	309.3	301.4	292.7	283.1	272.7	261.4	249.4	236.6	223.0	208.7	193.7
82.5°	634.8	617.6	598.5	577.5	554.7	530.0	503.7	475.7	446.0	414.8	382.0
80°	1001.3	975.9	947.8	916.9	883.3	847.0	808.3	767.1	723.4	679.6	635.9
77.5°	1361.5	1331.1	1297.3	1260.3	1220.1	1176.7	1130.3	1080.2	1025.6	968.1	907.8
75°	1749.0	1707.4	1661.2	1610.6	1555.5	1496.3	1438.2	1378.8	1316.0	1250.0	1180.9
72.5°	2227.9	2163.7	2092.5	2014.4	1929.6	1855.0	1780.7	1701.8	1618.4	1530.8	1443.7
70°	2830.3	2736.8	2633.1	2519.5	2412.4	2307.5	2195.4	2076.4	1950.8	1840.2	1735.1
67.5°	3557.6	3430.3	3289.3	3143.7	3004.0	2853.8	2693.5	2523.4	2371.1	2222.1	2066.4
65°	4444.8	4260.0	4055.3	3880.0	3692.4	3490.8	3275.8	3071.3	2871.0	2660.9	2448.2
62.5°	5523.7	5284.9	5039.3	4790.5	4521.2	4232.0	3951.6	3699.4	3433.8	3161.0	2918.8
60°	6721.5	6449.6	6157.7	5839.1	5494.5	5129.2	4790.5	4432.2	4055.3	3748.2	3430.3
57.5°	7935.8	7644.6	7314.6	6954.5	6565.5	6157.7	5728.1	5274.1	4846.8	4417.3	3987.4
55°	9092.1	8786.6	8442.0	8066.5	7656.3	7202.9	6721.5	6220.5	5703.6	5163.8	4679.3
52.5°	10116.3	9815.3	9483.5	9122.5	8693.6	8224.1	7724.2	7175.6	6600.7	6014.6	5411.0
50°	11040.0	10744.9	10420.3	10057.0	9636.5	9188.1	8670.9	8106.7	7504.7	6861.9	6202.9
47.5°	11877.6	11589.0	11272.1	10901.3	10492.3	10045.4	9535.6	8995.2	8363.6	7704.2	6993.4
45°	12647.5	12360.3	12041.3	11671.0	11274.2	10817.5	10325.1	9770.5	9174.4	8493.0	7771.0
42.5°	13332.0	13063.7	12744.3	12378.0	11977.0	11526.0	11037.6	10487.8	9889.0	9232.8	8493.0
40°	13928.2	13679.4	13365.8	13025.7	12620.4	12177.2	11679.0	11148.7	10542.4	9889.0	9174.4
37.5°	14449.1	14202.7	13911.1	13586.6	13199.2	12767.8	12273.7	11730.3	11148.7	10487.8	9770.5
35°	14907.5	14665.0	14390.4	14068.8	13713.5	13286.9	12817.3	12273.7	11679.0	11037.6	10325.1
32.5°	15301.1	15068.5	14812.3	14498.2	14148.6	13752.4	13286.9	12767.8	12177.2	11526.0	10817.5
30°	15626.0	15416.6	15167.0	14880.9	14534.5	14148.6	13713.5	13199.2	12620.4	11977.0	11274.2
27.5°	15906.0	15714.3	15474.0	15200.2	14880.9	14498.2	14068.8	13586.6	13025.7	12378.0	11671.0
25°	16141.7	15959.2	15739.9	15474.0	15167.0	14812.3	14390.4	13911.1	13365.8	12744.3	12041.3
22.5°	16336.2	16164.2	15959.2	15714.3	15416.6	15068.5	14665.0	14202.7	13679.4	13063.7	12360.3
20°	16485.5	16336.2	16141.7	15906.0	15626.0	15301.1	14907.5	14449.1	13928.2	13332.0	12647.5
17.5°	16581.3	16465.9	16294.9	16075.1	15801.6	15480.9	15103.8	14661.8	14152.6	13573.5	12905.3
15°	16645.9	16558.6	16408.1	16202.8	15947.9	15639.3	15278.3	14849.7	14344.1	13769.7	13106.1
12.5°	16661.8	16616.6	16504.1	16314.9	16069.7	15767.0	15411.0	14988.9	14494.2	13927.2	13274.8
10°	16671.2	16649.4	16559.4	16389.2	16156.1	15865.2	15516.7	15104.8	14618.9	14057.9	13414.5
7.5°	16664.2	16659.4	16595.6	16448.5	16224.9	15943.1	15600.3	15196.3	14717.1	14160.6	13524.2
5°	16659.0	16666.8	16622.1	16491.8	16274.8	15999.7	15660.8	15262.4	14788.0	14234.6	13603.2
2.5°	16655.8	16671.4	16638.3	16518.1	16305.2	16033.9	15697.4	15302.3	14830.8	14279.3	13650.8
0°	16654.7	16672.9	16643.7	16527.0	16315.4	16045.4	15709.7	15315.7	14845.1	14294.2	13666.7
-2.5°	16655.8	16671.4	16638.3	16518.1	16305.2	16033.9	15697.4	15302.3	14830.8	14279.3	13650.8
-5°	16659.0	16666.8	16622.1	16491.8	16274.8	15999.7	15660.8	15262.4	14788.0	14234.6	13603.2
-7.5°	16664.2	16659.4	16595.6	16448.5	16224.9	15943.1	15600.3	15196.3	14717.1	14160.6	13524.2
-10°	16671.2	16649.4	16559.4	16389.2	16156.1	15865.2	15516.7	15104.8	14618.9	14057.9	13414.5
-12.5°	16661.8	16616.6	16504.1	16314.9	16069.7	15767.0	15411.0	14988.9	14494.2	13927.2	13274.8
-15°	16645.9	16558.6	16408.1	16202.8	15947.9	15639.3	15278.3	14849.7	14344.1	13769.7	13106.1
-17.5°	16581.3	16465.9	16294.9	16075.1	15801.6	15480.9	15103.8	14661.8	14152.6	13573.5	12905.3
-20°	16485.5	16336.2	16141.7	15906.0	15626.0	15301.1	14907.5	14449.1	13928.2	13332.0	12647.5



REPORT NUMBER: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16336.2	16164.2	15959.2	15714.3	15416.6	15068.5	14665.0	14202.7	13679.4	13063.7	12360.3
-25°	16141.7	15959.2	15739.9	15474.0	15167.0	14812.3	14390.4	13911.1	13365.8	12744.3	12041.3
-27.5°	15906.0	15714.3	15474.0	15200.2	14880.9	14498.2	14068.8	13586.6	13025.7	12378.0	11671.0
-30°	15626.0	15416.6	15167.0	14880.9	14534.5	14148.6	13713.5	13199.2	12620.4	11977.0	11274.2
-32.5°	15301.1	15068.5	14812.3	14498.2	14148.6	13752.4	13286.9	12767.8	12177.2	11526.0	10817.5
-35°	14907.5	14665.0	14390.4	14068.8	13713.5	13286.9	12817.3	12273.7	11679.0	11037.6	10325.1
-37.5°	14449.1	14202.7	13911.1	13586.6	13199.2	12767.8	12273.7	11730.3	11148.7	10487.8	9770.5
-40°	13928.2	13679.4	13365.8	13025.7	12620.4	12177.2	11679.0	11148.7	10542.4	9889.0	9174.4
-42.5°	13332.0	13063.7	12744.3	12378.0	11977.0	11526.0	11037.6	10487.8	9889.0	9232.8	8493.0
-45°	12647.5	12360.3	12041.3	11671.0	11274.2	10817.5	10325.1	9770.5	9174.4	8493.0	7771.0
-47.5°	11877.6	11589.0	11272.1	10901.3	10492.3	10045.4	9535.6	8995.2	8363.6	7704.2	6993.4
-50°	11040.0	10744.9	10420.3	10057.0	9636.5	9188.1	8670.9	8106.7	7504.7	6861.9	6202.9
-52.5°	10116.3	9815.3	9483.5	9122.5	8693.6	8224.1	7724.2	7175.6	6600.7	6014.6	5411.0
-55°	9092.1	8786.6	8442.0	8066.5	7656.3	7202.9	6721.5	6220.5	5703.6	5163.8	4679.3
-57.5°	7935.8	7644.6	7314.6	6954.5	6565.5	6157.7	5728.1	5274.1	4846.8	4417.3	3987.4
-60°	6721.5	6449.6	6157.7	5839.1	5494.5	5129.2	4790.5	4432.2	4055.3	3748.2	3430.3
-62.5°	5523.7	5284.9	5039.3	4790.5	4521.2	4232.0	3951.6	3699.4	3433.8	3161.0	2918.8
-65°	4444.8	4260.0	4055.3	3880.0	3692.4	3490.8	3275.8	3071.3	2871.0	2660.9	2448.2
-67.5°	3557.6	3430.3	3289.3	3143.7	3004.0	2853.8	2693.5	2523.4	2371.1	2222.1	2066.4
-70°	2830.3	2736.8	2633.1	2519.5	2412.4	2307.5	2195.4	2076.4	1950.8	1840.2	1735.1
-72.5°	2227.9	2163.7	2092.5	2014.4	1929.6	1855.0	1780.7	1701.8	1618.4	1530.8	1443.7
-75°	1749.0	1707.4	1661.2	1610.6	1555.5	1496.3	1438.2	1378.8	1316.0	1250.0	1180.9
-77.5°	1361.5	1331.1	1297.3	1260.3	1220.1	1176.7	1130.3	1080.2	1025.6	968.1	907.8
-80°	1001.3	975.9	947.8	916.9	883.3	847.0	808.3	767.1	723.4	679.6	635.9
-82.5°	634.8	617.6	598.5	577.5	554.7	530.0	503.7	475.7	446.0	414.8	382.0
-85°	309.3	301.4	292.7	283.1	272.7	261.4	249.4	236.6	223.0	208.7	193.7
-87.5°	85.7	84.3	82.7	80.9	79.0	76.9	74.7	72.3	69.9	67.2	64.5
-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: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-740-U-LAM-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°	61.6	58.6	55.5	52.3	49.0	45.6	42.1	38.5	34.9	31.2	27.4
85°	178.1	161.8	144.9	127.5	109.5	91.1	84.1	77.0	69.7	62.3	54.8
82.5°	347.8	320.7	295.4	269.2	242.2	214.5	186.0	156.9	127.2	97.0	82.1
80°	590.3	542.8	493.6	442.8	390.4	337.4	299.5	260.8	221.2	181.0	140.1
77.5°	844.9	779.6	711.8	647.2	581.8	514.5	445.6	375.2	314.6	264.4	213.4
75°	1108.8	1030.8	949.4	865.5	779.0	691.2	608.6	524.2	438.2	350.6	286.1
72.5°	1359.4	1271.9	1181.3	1087.3	986.5	883.0	777.1	671.8	571.6	469.8	366.5
70°	1625.7	1512.0	1404.3	1297.5	1187.6	1073.7	952.8	829.5	703.8	587.5	469.8
67.5°	1905.2	1777.2	1644.9	1508.5	1381.3	1254.6	1125.1	987.9	847.0	703.8	571.6
65°	2267.7	2080.6	1892.3	1740.8	1585.2	1431.9	1288.3	1141.9	987.9	829.5	671.8
62.5°	2667.2	2420.6	2207.9	1989.1	1798.7	1623.7	1448.9	1288.3	1125.1	952.8	777.1
60°	3115.0	2830.3	2536.8	2284.9	2040.2	1818.1	1623.7	1431.9	1254.6	1073.7	883.0
57.5°	3629.0	3258.7	2928.9	2602.2	2310.6	2040.2	1798.7	1585.2	1381.3	1187.6	986.5
55°	4178.7	3749.2	3338.3	2961.9	2602.2	2284.9	1989.1	1740.8	1508.5	1297.5	1087.3
52.5°	4837.8	4283.6	3789.5	3338.3	2928.9	2536.8	2207.9	1892.3	1644.9	1404.3	1181.3
50°	5535.4	4890.9	4283.6	3749.2	3258.7	2830.3	2420.6	2080.6	1777.2	1512.0	1271.9
47.5°	6266.0	5535.4	4837.8	4178.7	3629.0	3115.0	2667.2	2267.7	1905.2	1625.7	1359.4
45°	6993.4	6202.9	5411.0	4679.3	3987.4	3430.3	2918.8	2448.2	2066.4	1735.1	1443.7
42.5°	7704.2	6861.9	6014.6	5163.8	4417.3	3748.2	3161.0	2660.9	2222.1	1840.2	1530.8
40°	8363.6	7504.7	6600.7	5703.6	4846.8	4055.3	3433.8	2871.0	2371.1	1950.8	1618.4
37.5°	8995.2	8106.7	7175.6	6220.5	5274.1	4432.2	3699.4	3071.3	2523.4	2076.4	1701.8
35°	9535.6	8670.9	7724.2	6721.5	5728.1	4790.5	3951.6	3275.8	2693.5	2195.4	1780.7
32.5°	10045.4	9188.1	8224.1	7202.9	6157.7	5129.2	4232.0	3490.8	2853.8	2307.5	1855.0
30°	10492.3	9636.5	8693.6	7656.3	6565.5	5494.5	4521.2	3692.4	3004.0	2412.4	1929.6
27.5°	10901.3	10057.0	9122.5	8066.5	6954.5	5839.1	4790.5	3880.0	3143.7	2519.5	2014.4
25°	11272.1	10420.3	9483.5	8442.0	7314.6	6157.7	5039.3	4055.3	3289.3	2633.1	2092.5
22.5°	11589.0	10744.9	9815.3	8786.6	7644.6	6449.6	5284.9	4260.0	3430.3	2736.8	2163.7
20°	11877.6	11040.0	10116.3	9092.1	7935.8	6721.5	5523.7	4444.8	3557.6	2830.3	2227.9
17.5°	12132.9	11291.8	10363.8	9338.8	8190.4	6963.8	5736.2	4609.2	3670.7	2913.4	2284.9
15°	12342.2	11501.1	10576.7	9554.8	8413.2	7175.6	5921.8	4752.7	3769.5	2985.8	2334.6
12.5°	12521.5	11680.2	10758.6	9739.3	8603.3	7356.1	6079.9	4874.9	3853.5	3047.4	2376.8
10°	12669.8	11828.1	10908.7	9891.4	8759.8	7504.7	6210.0	4975.3	3922.5	3098.1	2411.6
7.5°	12786.1	11944.0	11026.3	10010.3	8882.3	7620.9	6311.7	5053.8	3976.4	3137.6	2438.7
5°	12869.8	12027.3	11110.7	10095.7	8970.1	7704.2	6384.6	5110.0	4015.0	3165.9	2458.1
2.5°	12920.2	12077.4	11161.5	10147.1	9023.0	7754.3	6428.4	5143.8	4038.3	3182.9	2469.7
0°	12937.0	12094.2	11178.5	10164.3	9040.6	7771.0	6443.0	5155.1	4046.0	3188.6	2473.6
-2.5°	12920.2	12077.4	11161.5	10147.1	9023.0	7754.3	6428.4	5143.8	4038.3	3182.9	2469.7
-5°	12869.8	12027.3	11110.7	10095.7	8970.1	7704.2	6384.6	5110.0	4015.0	3165.9	2458.1
-7.5°	12786.1	11944.0	11026.3	10010.3	8882.3	7620.9	6311.7	5053.8	3976.4	3137.6	2438.7
-10°	12669.8	11828.1	10908.7	9891.4	8759.8	7504.7	6210.0	4975.3	3922.5	3098.1	2411.6
-12.5°	12521.5	11680.2	10758.6	9739.3	8603.3	7356.1	6079.9	4874.9	3853.5	3047.4	2376.8
-15°	12342.2	11501.1	10576.7	9554.8	8413.2	7175.6	5921.8	4752.7	3769.5	2985.8	2334.6
-17.5°	12132.9	11291.8	10363.8	9338.8	8190.4	6963.8	5736.2	4609.2	3670.7	2913.4	2284.9
-20°	11877.6	11040.0	10116.3	9092.1	7935.8	6721.5	5523.7	4444.8	3557.6	2830.3	2227.9

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

Scaled Data Report



REPORT NUMBER: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6E-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	11589.0	10744.9	9815.3	8786.6	7644.6	6449.6	5284.9	4260.0	3430.3	2736.8	2163.7
-25°	11272.1	10420.3	9483.5	8442.0	7314.6	6157.7	5039.3	4055.3	3289.3	2633.1	2092.5
-27.5°	10901.3	10057.0	9122.5	8066.5	6954.5	5839.1	4790.5	3880.0	3143.7	2519.5	2014.4
-30°	10492.3	9636.5	8693.6	7656.3	6565.5	5494.5	4521.2	3692.4	3004.0	2412.4	1929.6
-32.5°	10045.4	9188.1	8224.1	7202.9	6157.7	5129.2	4232.0	3490.8	2853.8	2307.5	1855.0
-35°	9535.6	8670.9	7724.2	6721.5	5728.1	4790.5	3951.6	3275.8	2693.5	2195.4	1780.7
-37.5°	8995.2	8106.7	7175.6	6220.5	5274.1	4432.2	3699.4	3071.3	2523.4	2076.4	1701.8
-40°	8363.6	7504.7	6600.7	5703.6	4846.8	4055.3	3433.8	2871.0	2371.1	1950.8	1618.4
-42.5°	7704.2	6861.9	6014.6	5163.8	4417.3	3748.2	3161.0	2660.9	2222.1	1840.2	1530.8
-45°	6993.4	6202.9	5411.0	4679.3	3987.4	3430.3	2918.8	2448.2	2066.4	1735.1	1443.7
-47.5°	6266.0	5535.4	4837.8	4178.7	3629.0	3115.0	2667.2	2267.7	1905.2	1625.7	1359.4
-50°	5535.4	4890.9	4283.6	3749.2	3258.7	2830.3	2420.6	2080.6	1777.2	1512.0	1271.9
-52.5°	4837.8	4283.6	3789.5	3338.3	2928.9	2536.8	2207.9	1892.3	1644.9	1404.3	1181.3
-55°	4178.7	3749.2	3338.3	2961.9	2602.2	2284.9	1989.1	1740.8	1508.5	1297.5	1087.3
-57.5°	3629.0	3258.7	2928.9	2602.2	2310.6	2040.2	1798.7	1585.2	1381.3	1187.6	986.5
-60°	3115.0	2830.3	2536.8	2284.9	2040.2	1818.1	1623.7	1431.9	1254.6	1073.7	883.0
-62.5°	2667.2	2420.6	2207.9	1989.1	1798.7	1623.7	1448.9	1288.3	1125.1	952.8	777.1
-65°	2267.7	2080.6	1892.3	1740.8	1585.2	1431.9	1288.3	1141.9	987.9	829.5	671.8
-67.5°	1905.2	1777.2	1644.9	1508.5	1381.3	1254.6	1125.1	987.9	847.0	703.8	571.6
-70°	1625.7	1512.0	1404.3	1297.5	1187.6	1073.7	952.8	829.5	703.8	587.5	469.8
-72.5°	1359.4	1271.9	1181.3	1087.3	986.5	883.0	777.1	671.8	571.6	469.8	366.5
-75°	1108.8	1030.8	949.4	865.5	779.0	691.2	608.6	524.2	438.2	350.6	286.1
-77.5°	844.9	779.6	711.8	647.2	581.8	514.5	445.6	375.2	314.6	264.4	213.4
-80°	590.3	542.8	493.6	442.8	390.4	337.4	299.5	260.8	221.2	181.0	140.1
-82.5°	347.8	320.7	295.4	269.2	242.2	214.5	186.0	156.9	127.2	97.0	82.1
-85°	178.1	161.8	144.9	127.5	109.5	91.1	84.1	77.0	69.7	62.3	54.8
-87.5°	61.6	58.6	55.5	52.3	49.0	45.6	42.1	38.5	34.9	31.2	27.4
-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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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

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REPORT NUMBER: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6E-740-U-LAM-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°	23.6	19.7	15.8	11.9	7.9	4.0	0.0
85°	47.2	39.4	31.6	23.8	15.9	7.9	0.0
82.5°	70.6	59.1	47.4	35.6	23.8	11.9	0.0
80°	98.7	78.6	63.0	47.4	31.6	15.8	0.0
77.5°	161.8	109.6	78.6	59.1	39.4	19.7	0.0
75°	224.3	161.8	98.7	70.6	47.2	23.6	0.0
72.5°	286.1	213.4	140.1	82.1	54.8	27.4	0.0
70°	350.6	264.4	181.0	97.0	62.3	31.2	0.0
67.5°	438.2	314.6	221.2	127.2	69.7	34.9	0.0
65°	524.2	375.2	260.8	156.9	77.0	38.5	0.0
62.5°	608.6	445.6	299.5	186.0	84.1	42.1	0.0
60°	691.2	514.5	337.4	214.5	91.1	45.6	0.0
57.5°	779.0	581.8	390.4	242.2	109.5	49.0	0.0
55°	865.5	647.2	442.8	269.2	127.5	52.3	0.0
52.5°	949.4	711.8	493.6	295.4	144.9	55.5	0.0
50°	1030.8	779.6	542.8	320.7	161.8	58.6	0.0
47.5°	1108.8	844.9	590.3	347.8	178.1	61.6	0.0
45°	1180.9	907.8	635.9	382.0	193.7	64.5	0.0
42.5°	1250.0	968.1	679.6	414.8	208.7	67.2	0.0
40°	1316.0	1025.6	723.4	446.0	223.0	69.9	0.0
37.5°	1378.8	1080.2	767.1	475.7	236.6	72.3	0.0
35°	1438.2	1130.3	808.3	503.7	249.4	74.7	0.0
32.5°	1496.3	1176.7	847.0	530.0	261.4	76.9	0.0
30°	1555.5	1220.1	883.3	554.7	272.7	79.0	0.0
27.5°	1610.6	1260.3	916.9	577.5	283.1	80.9	0.0
25°	1661.2	1297.3	947.8	598.5	292.7	82.7	0.0
22.5°	1707.4	1331.1	975.9	617.6	301.4	84.3	0.0
20°	1749.0	1361.5	1001.3	634.8	309.3	85.7	0.0
17.5°	1785.9	1388.5	1023.8	650.1	316.3	87.0	0.0
15°	1818.1	1412.0	1043.4	663.4	322.4	88.1	0.0
12.5°	1845.5	1431.9	1060.0	674.7	327.5	89.0	0.0
10°	1868.0	1448.3	1073.7	683.9	331.7	89.8	0.0
7.5°	1885.5	1461.1	1084.4	691.2	335.0	90.4	0.0
5°	1898.0	1470.3	1092.0	696.4	337.4	90.9	0.0
2.5°	1905.6	1475.8	1096.6	699.5	338.8	91.1	0.0
0°	1908.1	1477.6	1098.1	700.5	339.3	91.2	0.0
-2.5°	1905.6	1475.8	1096.6	699.5	338.8	91.1	0.0
-5°	1898.0	1470.3	1092.0	696.4	337.4	90.9	0.0
-7.5°	1885.5	1461.1	1084.4	691.2	335.0	90.4	0.0
-10°	1868.0	1448.3	1073.7	683.9	331.7	89.8	0.0
-12.5°	1845.5	1431.9	1060.0	674.7	327.5	89.0	0.0
-15°	1818.1	1412.0	1043.4	663.4	322.4	88.1	0.0
-17.5°	1785.9	1388.5	1023.8	650.1	316.3	87.0	0.0
-20°	1749.0	1361.5	1001.3	634.8	309.3	85.7	0.0

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REPORT NUMBER: P645592 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6E-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1707.4	1331.1	975.9	617.6	301.4	84.3	0.0
-25°	1661.2	1297.3	947.8	598.5	292.7	82.7	0.0
-27.5°	1610.6	1260.3	916.9	577.5	283.1	80.9	0.0
-30°	1555.5	1220.1	883.3	554.7	272.7	79.0	0.0
-32.5°	1496.3	1176.7	847.0	530.0	261.4	76.9	0.0
-35°	1438.2	1130.3	808.3	503.7	249.4	74.7	0.0
-37.5°	1378.8	1080.2	767.1	475.7	236.6	72.3	0.0
-40°	1316.0	1025.6	723.4	446.0	223.0	69.9	0.0
-42.5°	1250.0	968.1	679.6	414.8	208.7	67.2	0.0
-45°	1180.9	907.8	635.9	382.0	193.7	64.5	0.0
-47.5°	1108.8	844.9	590.3	347.8	178.1	61.6	0.0
-50°	1030.8	779.6	542.8	320.7	161.8	58.6	0.0
-52.5°	949.4	711.8	493.6	295.4	144.9	55.5	0.0
-55°	865.5	647.2	442.8	269.2	127.5	52.3	0.0
-57.5°	779.0	581.8	390.4	242.2	109.5	49.0	0.0
-60°	691.2	514.5	337.4	214.5	91.1	45.6	0.0
-62.5°	608.6	445.6	299.5	186.0	84.1	42.1	0.0
-65°	524.2	375.2	260.8	156.9	77.0	38.5	0.0
-67.5°	438.2	314.6	221.2	127.2	69.7	34.9	0.0
-70°	350.6	264.4	181.0	97.0	62.3	31.2	0.0
-72.5°	286.1	213.4	140.1	82.1	54.8	27.4	0.0
-75°	224.3	161.8	98.7	70.6	47.2	23.6	0.0
-77.5°	161.8	109.6	78.6	59.1	39.4	19.7	0.0
-80°	98.7	78.6	63.0	47.4	31.6	15.8	0.0
-82.5°	70.6	59.1	47.4	35.6	23.8	11.9	0.0
-85°	47.2	39.4	31.6	23.8	15.9	7.9	0.0
-87.5°	23.6	19.7	15.8	11.9	7.9	4.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)