

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: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5C-740-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645520 (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-SA5C-740-U-LAM-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

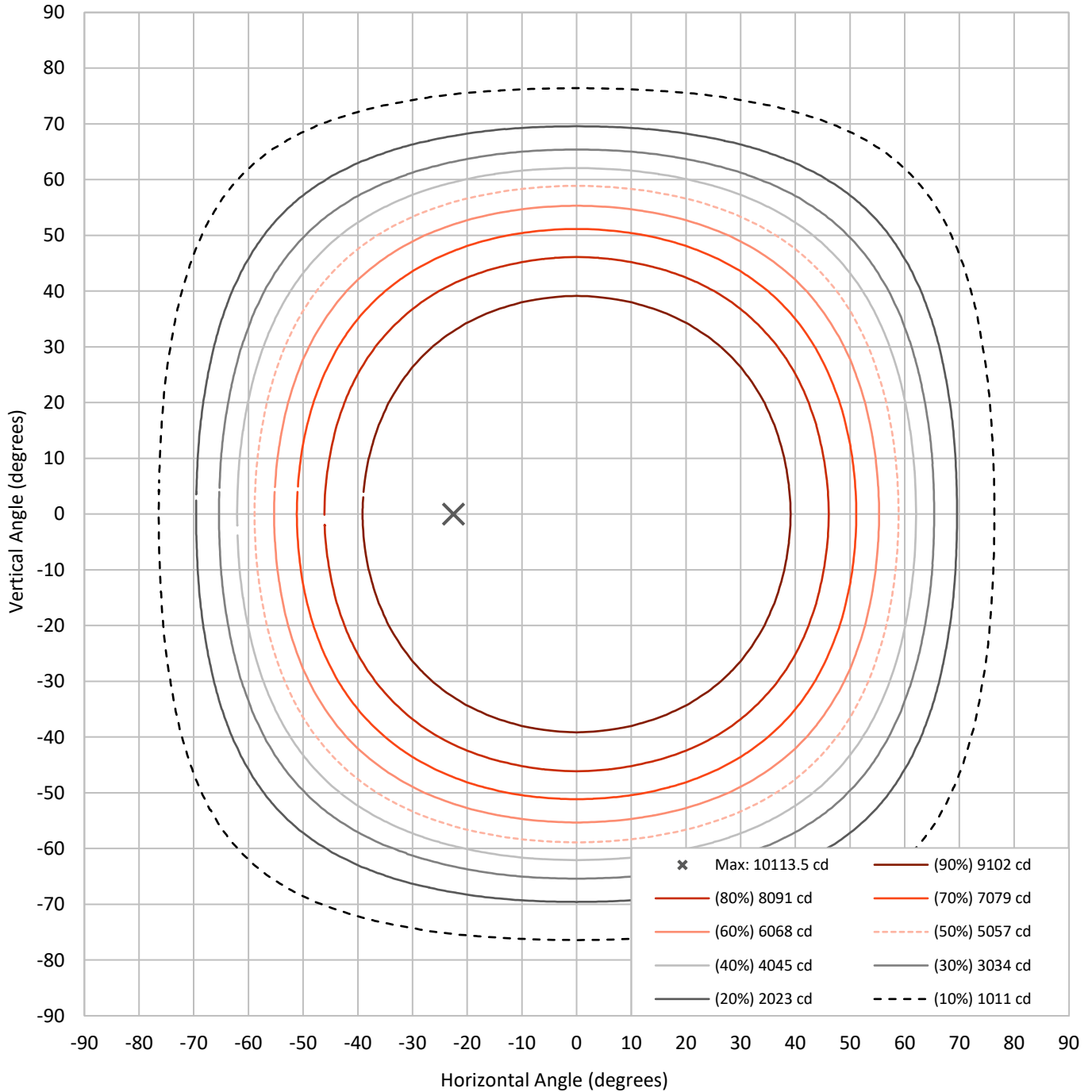
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	30937.9 lumens	Max Intensity:	10113.5 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	150.1 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:	25747.1 lumens	Field Lumens:	30329.4 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
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





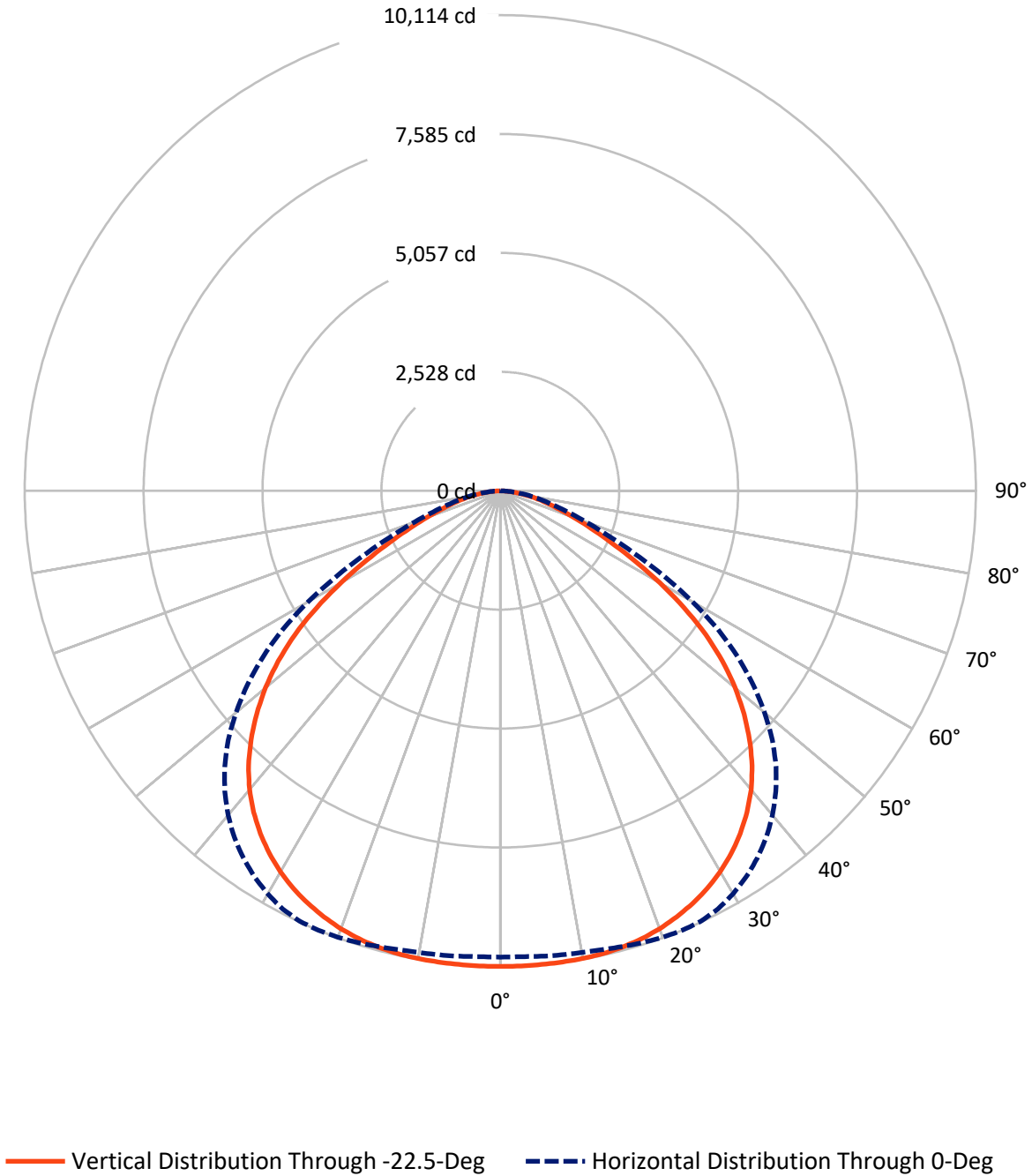
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Lumen Table

90																				
80	1.5	16.0		45.3		75.4		88.3		75.4		45.3		16.0		1.5				
70																				
60	7.6	9.0	18.8	32.9	50.8	70.2	86.8	96.0	96.0	86.8	70.2	50.8	32.9	18.8	9.0	7.6				
50		14.0	32.1	62.2	101.6	139.9	168.4	183.6	183.6	168.4	139.9	101.6	62.2	32.1	14.0					
40	14.4	19.9	50.7	101.1	155.0	200.1	231.9	248.3	248.3	231.9	200.1	155.0	101.1	50.7	19.9	14.4				
30		26.8	71.8	134.0	192.7	239.5	271.0	286.7	286.7	271.0	239.5	192.7	134.0	71.8	26.8					
20	19.8	33.5	89.3	156.5	216.6	262.3	291.4	304.3	304.3	291.4	262.3	216.6	156.5	89.3	33.5	19.8				
10		38.9	100.9	170.3	230.0	273.4	296.5	304.5	304.5	296.5	273.4	230.0	170.3	100.9	38.9					
0	21.9	41.8	106.6	176.7	236.0	276.9	295.2	301.7	301.7	295.2	276.9	236.0	176.7	106.6	41.8	21.9				
-10		41.8	106.6	176.7	236.0	276.9	295.2	301.7	301.7	295.2	276.9	236.0	176.7	106.6	41.8					
-20	19.8	38.9	100.9	170.3	230.0	273.4	296.5	304.5	304.5	296.5	273.4	230.0	170.3	100.9	38.9	19.8				
-30		33.5	89.3	156.5	216.6	262.3	291.4	304.3	304.3	291.4	262.3	216.6	156.5	89.3	33.5					
-40	14.4	26.8	71.8	134.0	192.7	239.5	271.0	286.7	286.7	271.0	239.5	192.7	134.0	71.8	26.8	14.4				
-50		19.9	50.7	101.1	155.0	200.1	231.9	248.3	248.3	231.9	200.1	155.0	101.1	50.7	19.9					
-60	7.6	14.0	32.1	62.2	101.6	139.9	168.4	183.6	183.6	168.4	139.9	101.6	62.2	32.1	14.0	7.6				
-70		9.0	18.8	32.9	50.8	70.2	86.8	96.0	96.0	86.8	70.2	50.8	32.9	18.8	9.0					
-80																				
-90	1.5	16.0		45.3		75.4		88.3		75.4		45.3		16.0		1.5				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
	Horizontal Angle (degrees)																			

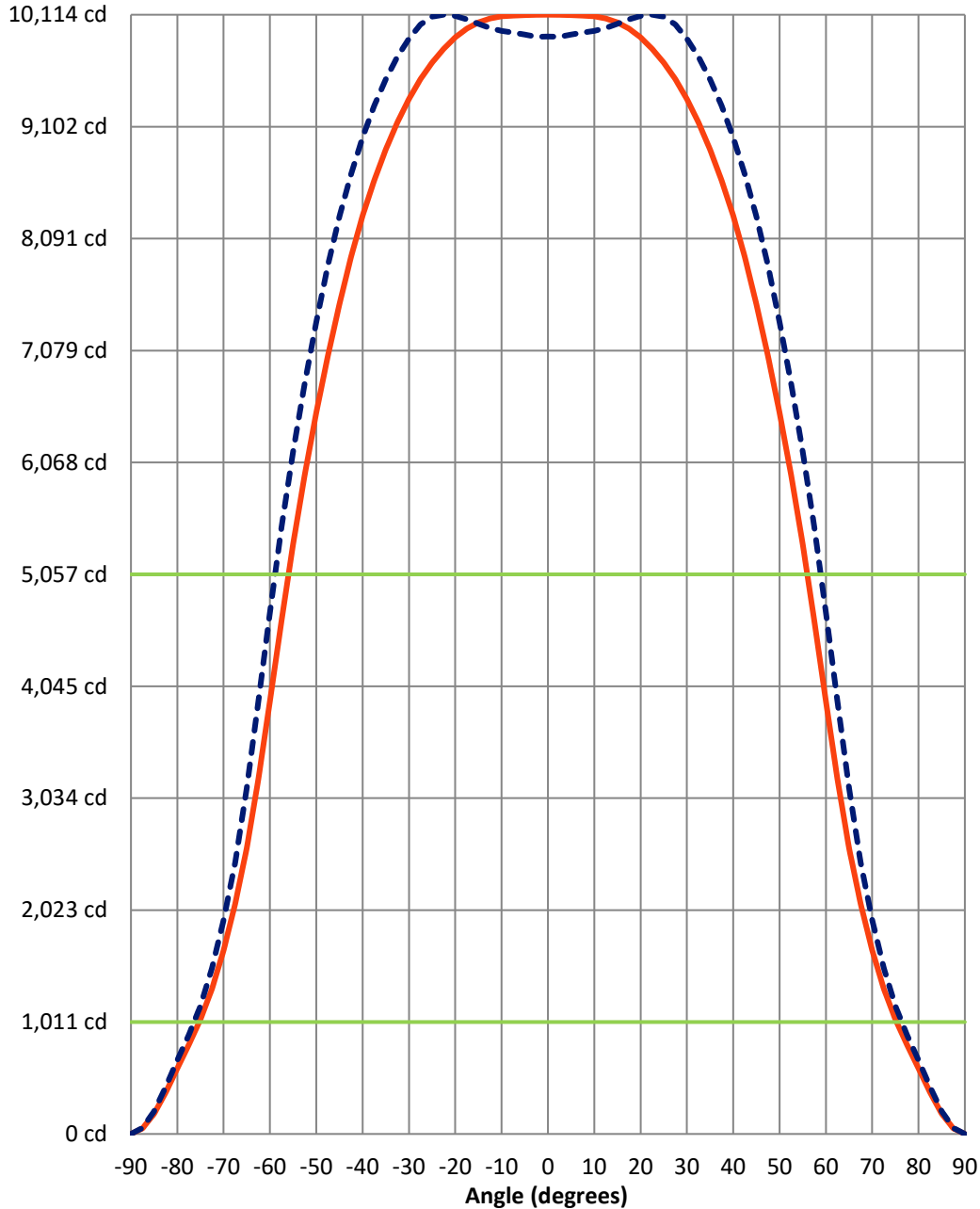
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 25747.1
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 30329.4
 Efficiency: 98.0%

Spill:
 Lumens: 608.4
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg

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Scaled Data Report



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.4	4.8	7.2	9.6	12.0	14.3	16.6	18.9	21.2	23.4
85°	0.0	4.8	9.6	14.4	19.2	23.9	28.6	33.2	37.8	42.3	46.7
82.5°	0.0	7.2	14.4	21.6	28.7	35.8	42.8	49.8	58.8	77.2	95.2
80°	0.0	9.6	19.2	28.7	38.2	47.6	59.9	85.0	109.8	134.2	158.2
77.5°	0.0	12.0	23.9	35.8	47.6	66.4	98.1	129.4	160.4	190.8	227.6
75°	0.0	14.3	28.6	42.8	59.9	98.1	136.0	173.5	212.7	265.8	318.0
72.5°	0.0	16.6	33.2	49.8	85.0	129.4	173.5	222.3	285.0	346.7	407.5
70°	0.0	18.9	37.8	58.8	109.8	160.4	212.7	285.0	356.3	426.9	503.1
67.5°	0.0	21.2	42.3	77.2	134.2	190.8	265.8	346.7	426.9	513.8	599.3
65°	0.0	23.4	46.7	95.2	158.2	227.6	318.0	407.5	503.1	599.3	692.7
62.5°	0.0	25.5	51.0	112.8	181.7	270.3	369.1	471.3	578.0	682.5	781.5
60°	0.0	27.6	55.2	130.1	204.7	312.1	419.2	535.6	651.3	761.0	868.6
57.5°	0.0	29.7	66.4	146.9	236.8	352.9	472.5	598.4	720.4	837.9	961.6
55°	0.0	31.7	77.3	163.3	268.6	392.6	525.0	659.5	787.0	915.1	1055.9
52.5°	0.0	33.7	87.9	179.2	299.4	431.8	575.9	716.6	851.9	997.8	1147.8
50°	0.0	35.5	98.1	194.5	329.3	472.9	625.2	771.5	917.2	1078.0	1262.0
47.5°	0.0	37.4	108.0	211.0	358.0	512.5	672.6	824.6	986.1	1155.7	1375.5
45°	0.0	39.1	117.5	231.7	385.7	550.7	716.3	875.7	1052.5	1253.4	1485.0
42.5°	0.0	40.8	126.6	251.6	412.2	587.2	758.2	928.6	1116.2	1347.9	1614.0
40°	0.0	42.4	135.3	270.5	438.8	622.1	798.3	981.7	1183.3	1438.2	1741.5
37.5°	0.0	43.9	143.5	288.5	465.3	655.2	836.4	1032.3	1259.5	1530.6	1863.0
35°	0.0	45.3	151.3	305.5	490.3	685.7	872.4	1080.1	1331.7	1633.8	1987.1
32.5°	0.0	46.6	158.6	321.5	513.8	713.8	907.6	1125.2	1399.6	1731.1	2117.5
30°	0.0	47.9	165.4	336.4	535.8	740.1	943.6	1170.4	1463.3	1822.2	2239.8
27.5°	0.0	49.0	171.7	350.3	556.2	764.5	976.9	1221.8	1528.2	1907.0	2353.5
25°	0.0	50.1	177.5	363.0	574.9	787.0	1007.7	1269.2	1597.2	1995.2	2459.9
22.5°	0.0	51.1	182.8	374.6	592.0	807.4	1035.7	1312.4	1660.1	2080.8	2584.0
20°	0.0	52.0	187.6	385.1	607.4	825.9	1060.9	1351.4	1716.8	2158.0	2696.1
17.5°	0.0	52.7	191.8	394.3	621.0	842.2	1083.3	1385.9	1767.2	2226.6	2795.8
15°	0.0	53.4	195.5	402.4	632.9	856.5	1102.8	1416.1	1811.2	2286.5	2882.9
12.5°	0.0	54.0	198.6	409.2	643.0	868.6	1119.4	1441.7	1848.6	2337.4	2957.0
10°	0.0	54.5	201.2	414.9	651.3	878.5	1133.1	1462.8	1879.3	2379.3	3017.9
7.5°	0.0	54.8	203.2	419.2	657.8	886.3	1143.7	1479.2	1903.3	2412.0	3065.5
5°	0.0	55.1	204.7	422.4	662.4	891.8	1151.3	1491.0	1920.4	2435.4	3099.7
2.5°	0.0	55.2	205.5	424.3	665.2	895.2	1155.9	1498.0	1930.8	2449.5	3120.2
0°	0.0	55.3	205.8	424.9	666.1	896.3	1157.4	1500.4	1934.2	2454.2	3127.0
-2.5°	0.0	55.2	205.5	424.3	665.2	895.2	1155.9	1498.0	1930.8	2449.5	3120.2
-5°	0.0	55.1	204.7	422.4	662.4	891.8	1151.3	1491.0	1920.4	2435.4	3099.7
-7.5°	0.0	54.8	203.2	419.2	657.8	886.3	1143.7	1479.2	1903.3	2412.0	3065.5
-10°	0.0	54.5	201.2	414.9	651.3	878.5	1133.1	1462.8	1879.3	2379.3	3017.9
-12.5°	0.0	54.0	198.6	409.2	643.0	868.6	1119.4	1441.7	1848.6	2337.4	2957.0
-15°	0.0	53.4	195.5	402.4	632.9	856.5	1102.8	1416.1	1811.2	2286.5	2882.9
-17.5°	0.0	52.7	191.8	394.3	621.0	842.2	1083.3	1385.9	1767.2	2226.6	2795.8
-20°	0.0	52.0	187.6	385.1	607.4	825.9	1060.9	1351.4	1716.8	2158.0	2696.1



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	51.1	182.8	374.6	592.0	807.4	1035.7	1312.4	1660.1	2080.8	2584.0
-25°	0.0	50.1	177.5	363.0	574.9	787.0	1007.7	1269.2	1597.2	1995.2	2459.9
-27.5°	0.0	49.0	171.7	350.3	556.2	764.5	976.9	1221.8	1528.2	1907.0	2353.5
-30°	0.0	47.9	165.4	336.4	535.8	740.1	943.6	1170.4	1463.3	1822.2	2239.8
-32.5°	0.0	46.6	158.6	321.5	513.8	713.8	907.6	1125.2	1399.6	1731.1	2117.5
-35°	0.0	45.3	151.3	305.5	490.3	685.7	872.4	1080.1	1331.7	1633.8	1987.1
-37.5°	0.0	43.9	143.5	288.5	465.3	655.2	836.4	1032.3	1259.5	1530.6	1863.0
-40°	0.0	42.4	135.3	270.5	438.8	622.1	798.3	981.7	1183.3	1438.2	1741.5
-42.5°	0.0	40.8	126.6	251.6	412.2	587.2	758.2	928.6	1116.2	1347.9	1614.0
-45°	0.0	39.1	117.5	231.7	385.7	550.7	716.3	875.7	1052.5	1253.4	1485.0
-47.5°	0.0	37.4	108.0	211.0	358.0	512.5	672.6	824.6	986.1	1155.7	1375.5
-50°	0.0	35.5	98.1	194.5	329.3	472.9	625.2	771.5	917.2	1078.0	1262.0
-52.5°	0.0	33.7	87.9	179.2	299.4	431.8	575.9	716.6	851.9	997.8	1147.8
-55°	0.0	31.7	77.3	163.3	268.6	392.6	525.0	659.5	787.0	915.1	1055.9
-57.5°	0.0	29.7	66.4	146.9	236.8	352.9	472.5	598.4	720.4	837.9	961.6
-60°	0.0	27.6	55.2	130.1	204.7	312.1	419.2	535.6	651.3	761.0	868.6
-62.5°	0.0	25.5	51.0	112.8	181.7	270.3	369.1	471.3	578.0	682.5	781.5
-65°	0.0	23.4	46.7	95.2	158.2	227.6	318.0	407.5	503.1	599.3	692.7
-67.5°	0.0	21.2	42.3	77.2	134.2	190.8	265.8	346.7	426.9	513.8	599.3
-70°	0.0	18.9	37.8	58.8	109.8	160.4	212.7	285.0	356.3	426.9	503.1
-72.5°	0.0	16.6	33.2	49.8	85.0	129.4	173.5	222.3	285.0	346.7	407.5
-75°	0.0	14.3	28.6	42.8	59.9	98.1	136.0	173.5	212.7	265.8	318.0
-77.5°	0.0	12.0	23.9	35.8	47.6	66.4	98.1	129.4	160.4	190.8	227.6
-80°	0.0	9.6	19.2	28.7	38.2	47.6	59.9	85.0	109.8	134.2	158.2
-82.5°	0.0	7.2	14.4	21.6	28.7	35.8	42.8	49.8	58.8	77.2	95.2
-85°	0.0	4.8	9.6	14.4	19.2	23.9	28.6	33.2	37.8	42.3	46.7
-87.5°	0.0	2.4	4.8	7.2	9.6	12.0	14.3	16.6	18.9	21.2	23.4
-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°	25.5	27.6	29.7	31.7	33.7	35.5	37.4	39.1	40.8	42.4	43.9
85°	51.0	55.2	66.4	77.3	87.9	98.1	108.0	117.5	126.6	135.3	143.5
82.5°	112.8	130.1	146.9	163.3	179.2	194.5	211.0	231.7	251.6	270.5	288.5
80°	181.7	204.7	236.8	268.6	299.4	329.3	358.0	385.7	412.2	438.8	465.3
77.5°	270.3	312.1	352.9	392.6	431.8	472.9	512.5	550.7	587.2	622.1	655.2
75°	369.1	419.2	472.5	525.0	575.9	625.2	672.6	716.3	758.2	798.3	836.4
72.5°	471.3	535.6	598.4	659.5	716.6	771.5	824.6	875.7	928.6	981.7	1032.3
70°	578.0	651.3	720.4	787.0	851.9	917.2	986.1	1052.5	1116.2	1183.3	1259.5
67.5°	682.5	761.0	837.9	915.1	997.8	1078.0	1155.7	1253.4	1347.9	1438.2	1530.6
65°	781.5	868.6	961.6	1055.9	1147.8	1262.0	1375.5	1485.0	1614.0	1741.5	1863.0
62.5°	878.9	984.9	1091.1	1206.5	1339.3	1468.3	1617.9	1770.5	1917.5	2082.9	2244.0
60°	984.9	1102.8	1237.5	1385.9	1538.7	1716.8	1889.5	2080.8	2273.6	2459.9	2688.5
57.5°	1091.1	1237.5	1401.6	1578.4	1776.7	1976.7	2201.3	2418.7	2679.5	2940.0	3199.2
55°	1206.5	1385.9	1578.4	1796.7	2025.0	2274.2	2534.7	2838.4	3132.3	3459.7	3773.2
52.5°	1339.3	1538.7	1776.7	2025.0	2298.6	2598.4	2934.5	3282.2	3648.3	4003.9	4352.5
50°	1468.3	1716.8	1976.7	2274.2	2598.4	2966.7	3357.7	3762.6	4162.3	4552.2	4917.3
47.5°	1617.9	1889.5	2201.3	2534.7	2934.5	3357.7	3800.9	4242.1	4673.2	5073.2	5456.3
45°	1770.5	2080.8	2418.7	2838.4	3282.2	3762.6	4242.1	4713.7	5151.7	5565.1	5926.7
42.5°	1917.5	2273.6	2679.5	3132.3	3648.3	4162.3	4673.2	5151.7	5600.5	5998.5	6361.7
40°	2082.9	2459.9	2940.0	3459.7	4003.9	4552.2	5073.2	5565.1	5998.5	6394.8	6762.6
37.5°	2244.0	2688.5	3199.2	3773.2	4352.5	4917.3	5456.3	5926.7	6361.7	6762.6	7115.5
35°	2397.0	2905.8	3474.5	4077.1	4685.3	5259.6	5784.2	6263.0	6695.3	7084.3	7445.1
32.5°	2567.1	3111.3	3735.2	4369.1	4988.6	5573.4	6093.4	6561.7	6991.5	7386.6	7744.8
30°	2742.4	3332.9	3982.5	4644.1	5273.4	5845.4	6364.5	6838.7	7265.1	7655.3	8006.4
27.5°	2905.8	3541.9	4218.5	4893.0	5533.6	6100.4	6612.5	7079.5	7508.3	7901.2	8241.4
25°	3056.8	3735.2	4436.9	5120.8	5752.6	6320.8	6837.5	7304.1	7730.5	8107.5	8438.3
22.5°	3205.7	3912.2	4637.1	5329.8	5953.8	6517.7	7029.8	7497.6	7924.2	8297.7	8615.1
20°	3350.6	4077.1	4813.7	5515.1	6136.4	6696.7	7204.8	7671.8	8087.0	8448.6	8764.5
17.5°	3479.5	4224.1	4968.2	5664.8	6286.5	6849.5	7359.7	7828.2	8233.5	8584.7	8893.6
15°	3592.1	4352.5	5103.3	5795.8	6415.6	6976.4	7486.6	7950.0	8352.5	8700.9	9007.6
12.5°	3688.0	4462.0	5218.6	5907.7	6526.0	7085.0	7595.4	8052.3	8448.0	8791.9	9092.1
10°	3766.9	4552.2	5313.6	5999.9	6617.1	7174.8	7685.3	8137.0	8527.3	8867.6	9162.4
7.5°	3828.6	4622.6	5387.9	6072.1	6688.4	7245.1	7755.9	8203.6	8589.6	8927.2	9217.9
5°	3872.8	4673.2	5441.1	6123.9	6739.6	7295.6	7806.6	8251.5	8634.5	8970.2	9258.0
2.5°	3899.3	4703.6	5473.2	6155.1	6770.4	7326.0	7837.2	8280.4	8661.5	8996.1	9282.2
0°	3908.2	4713.7	5483.9	6165.5	6780.7	7336.2	7847.4	8290.0	8670.6	9004.8	9290.3
-2.5°	3899.3	4703.6	5473.2	6155.1	6770.4	7326.0	7837.2	8280.4	8661.5	8996.1	9282.2
-5°	3872.8	4673.2	5441.1	6123.9	6739.6	7295.6	7806.6	8251.5	8634.5	8970.2	9258.0
-7.5°	3828.6	4622.6	5387.9	6072.1	6688.4	7245.1	7755.9	8203.6	8589.6	8927.2	9217.9
-10°	3766.9	4552.2	5313.6	5999.9	6617.1	7174.8	7685.3	8137.0	8527.3	8867.6	9162.4
-12.5°	3688.0	4462.0	5218.6	5907.7	6526.0	7085.0	7595.4	8052.3	8448.0	8791.9	9092.1
-15°	3592.1	4352.5	5103.3	5795.8	6415.6	6976.4	7486.6	7950.0	8352.5	8700.9	9007.6
-17.5°	3479.5	4224.1	4968.2	5664.8	6286.5	6849.5	7359.7	7828.2	8233.5	8584.7	8893.6
-20°	3350.6	4077.1	4813.7	5515.1	6136.4	6696.7	7204.8	7671.8	8087.0	8448.6	8764.5

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-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°	3205.7	3912.2	4637.1	5329.8	5953.8	6517.7	7029.8	7497.6	7924.2	8297.7	8615.1
-25°	3056.8	3735.2	4436.9	5120.8	5752.6	6320.8	6837.5	7304.1	7730.5	8107.5	8438.3
-27.5°	2905.8	3541.9	4218.5	4893.0	5533.6	6100.4	6612.5	7079.5	7508.3	7901.2	8241.4
-30°	2742.4	3332.9	3982.5	4644.1	5273.4	5845.4	6364.5	6838.7	7265.1	7655.3	8006.4
-32.5°	2567.1	3111.3	3735.2	4369.1	4988.6	5573.4	6093.4	6561.7	6991.5	7386.6	7744.8
-35°	2397.0	2905.8	3474.5	4077.1	4685.3	5259.6	5784.2	6263.0	6695.3	7084.3	7445.1
-37.5°	2244.0	2688.5	3199.2	3773.2	4352.5	4917.3	5456.3	5926.7	6361.7	6762.6	7115.5
-40°	2082.9	2459.9	2940.0	3459.7	4003.9	4552.2	5073.2	5565.1	5998.5	6394.8	6762.6
-42.5°	1917.5	2273.6	2679.5	3132.3	3648.3	4162.3	4673.2	5151.7	5600.5	5998.5	6361.7
-45°	1770.5	2080.8	2418.7	2838.4	3282.2	3762.6	4242.1	4713.7	5151.7	5565.1	5926.7
-47.5°	1617.9	1889.5	2201.3	2534.7	2934.5	3357.7	3800.9	4242.1	4673.2	5073.2	5456.3
-50°	1468.3	1716.8	1976.7	2274.2	2598.4	2966.7	3357.7	3762.6	4162.3	4552.2	4917.3
-52.5°	1339.3	1538.7	1776.7	2025.0	2298.6	2598.4	2934.5	3282.2	3648.3	4003.9	4352.5
-55°	1206.5	1385.9	1578.4	1796.7	2025.0	2274.2	2534.7	2838.4	3132.3	3459.7	3773.2
-57.5°	1091.1	1237.5	1401.6	1578.4	1776.7	1976.7	2201.3	2418.7	2679.5	2940.0	3199.2
-60°	984.9	1102.8	1237.5	1385.9	1538.7	1716.8	1889.5	2080.8	2273.6	2459.9	2688.5
-62.5°	878.9	984.9	1091.1	1206.5	1339.3	1468.3	1617.9	1770.5	1917.5	2082.9	2244.0
-65°	781.5	868.6	961.6	1055.9	1147.8	1262.0	1375.5	1485.0	1614.0	1741.5	1863.0
-67.5°	682.5	761.0	837.9	915.1	997.8	1078.0	1155.7	1253.4	1347.9	1438.2	1530.6
-70°	578.0	651.3	720.4	787.0	851.9	917.2	986.1	1052.5	1116.2	1183.3	1259.5
-72.5°	471.3	535.6	598.4	659.5	716.6	771.5	824.6	875.7	928.6	981.7	1032.3
-75°	369.1	419.2	472.5	525.0	575.9	625.2	672.6	716.3	758.2	798.3	836.4
-77.5°	270.3	312.1	352.9	392.6	431.8	472.9	512.5	550.7	587.2	622.1	655.2
-80°	181.7	204.7	236.8	268.6	299.4	329.3	358.0	385.7	412.2	438.8	465.3
-82.5°	112.8	130.1	146.9	163.3	179.2	194.5	211.0	231.7	251.6	270.5	288.5
-85°	51.0	55.2	66.4	77.3	87.9	98.1	108.0	117.5	126.6	135.3	143.5
-87.5°	25.5	27.6	29.7	31.7	33.7	35.5	37.4	39.1	40.8	42.4	43.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	45.3	46.6	47.9	49.0	50.1	51.1	52.0	52.7	53.4	54.0	54.5
85°	151.3	158.6	165.4	171.7	177.5	182.8	187.6	191.8	195.5	198.6	201.2
82.5°	305.5	321.5	336.4	350.3	363.0	374.6	385.1	394.3	402.4	409.2	414.9
80°	490.3	513.8	535.8	556.2	574.9	592.0	607.4	621.0	632.9	643.0	651.3
77.5°	685.7	713.8	740.1	764.5	787.0	807.4	825.9	842.2	856.5	868.6	878.5
75°	872.4	907.6	943.6	976.9	1007.7	1035.7	1060.9	1083.3	1102.8	1119.4	1133.1
72.5°	1080.1	1125.2	1170.4	1221.8	1269.2	1312.4	1351.4	1385.9	1416.1	1441.7	1462.8
70°	1331.7	1399.6	1463.3	1528.2	1597.2	1660.1	1716.8	1767.2	1811.2	1848.6	1879.3
67.5°	1633.8	1731.1	1822.2	1907.0	1995.2	2080.8	2158.0	2226.6	2286.5	2337.4	2379.3
65°	1987.1	2117.5	2239.8	2353.5	2459.9	2584.0	2696.1	2795.8	2882.9	2957.0	3017.9
62.5°	2397.0	2567.1	2742.4	2905.8	3056.8	3205.7	3350.6	3479.5	3592.1	3688.0	3766.9
60°	2905.8	3111.3	3332.9	3541.9	3735.2	3912.2	4077.1	4224.1	4352.5	4462.0	4552.2
57.5°	3474.5	3735.2	3982.5	4218.5	4436.9	4637.1	4813.7	4968.2	5103.3	5218.6	5313.6
55°	4077.1	4369.1	4644.1	4893.0	5120.8	5329.8	5515.1	5664.8	5795.8	5907.7	5999.9
52.5°	4685.3	4988.6	5273.4	5533.6	5752.6	5953.8	6136.4	6286.5	6415.6	6526.0	6617.1
50°	5259.6	5573.4	5845.4	6100.4	6320.8	6517.7	6696.7	6849.5	6976.4	7085.0	7174.8
47.5°	5784.2	6093.4	6364.5	6612.5	6837.5	7029.8	7204.8	7359.7	7486.6	7595.4	7685.3
45°	6263.0	6561.7	6838.7	7079.5	7304.1	7497.6	7671.8	7828.2	7950.0	8052.3	8137.0
42.5°	6695.3	6991.5	7265.1	7508.3	7730.5	7924.2	8087.0	8233.5	8352.5	8448.0	8527.3
40°	7084.3	7386.6	7655.3	7901.2	8107.5	8297.7	8448.6	8584.7	8700.9	8791.9	8867.6
37.5°	7445.1	7744.8	8006.4	8241.4	8438.3	8615.1	8764.5	8893.6	9007.6	9092.1	9162.4
35°	7774.8	8059.6	8318.4	8533.9	8729.0	8895.5	9042.7	9161.7	9267.6	9348.1	9412.2
32.5°	8059.6	8342.0	8582.3	8794.4	8984.9	9140.3	9281.4	9390.5	9486.6	9564.0	9623.6
30°	8318.4	8582.3	8816.4	9026.5	9200.1	9351.5	9478.5	9585.0	9673.8	9747.6	9800.0
27.5°	8533.9	8794.4	9026.5	9220.2	9386.3	9532.1	9648.3	9750.9	9828.3	9896.3	9941.4
25°	8729.0	8984.9	9200.1	9386.3	9547.6	9680.6	9791.3	9884.1	9952.9	10011.1	10044.7
22.5°	8895.5	9140.3	9351.5	9532.1	9680.6	9804.9	9909.2	9987.9	10044.2	10079.4	10099.2
20°	9042.7	9281.4	9478.5	9648.3	9791.3	9909.2	9999.8	10057.9	10097.1	10106.8	10112.5
17.5°	9161.7	9390.5	9585.0	9750.9	9884.1	9987.9	10057.9	10099.0	10110.7	10108.6	10102.8
15°	9267.6	9486.6	9673.8	9828.3	9952.9	10044.2	10097.1	10110.7	10107.3	10095.5	10077.3
12.5°	9348.1	9564.0	9747.6	9896.3	10011.1	10079.4	10106.8	10108.6	10095.5	10072.8	10046.9
10°	9412.2	9623.6	9800.0	9941.4	10044.7	10099.2	10112.5	10102.8	10077.3	10046.9	10018.2
7.5°	9462.9	9670.9	9841.7	9977.4	10066.6	10105.3	10108.2	10090.0	10059.2	10024.8	9993.8
5°	9499.6	9705.2	9872.0	10003.6	10082.7	10109.8	10105.1	10079.9	10044.3	10008.3	9979.9
2.5°	9521.9	9725.9	9890.4	10019.6	10092.5	10112.6	10103.2	10073.6	10034.8	9997.7	9970.7
0°	9529.3	9732.9	9896.6	10025.0	10095.8	10113.5	10102.5	10071.5	10031.6	9994.0	9967.5
-2.5°	9521.9	9725.9	9890.4	10019.6	10092.5	10112.6	10103.2	10073.6	10034.8	9997.7	9970.7
-5°	9499.6	9705.2	9872.0	10003.6	10082.7	10109.8	10105.1	10079.9	10044.3	10008.3	9979.9
-7.5°	9462.9	9670.9	9841.7	9977.4	10066.6	10105.3	10108.2	10090.0	10059.2	10024.8	9993.8
-10°	9412.2	9623.6	9800.0	9941.4	10044.7	10099.2	10112.5	10102.8	10077.3	10046.9	10018.2
-12.5°	9348.1	9564.0	9747.6	9896.3	10011.1	10079.4	10106.8	10108.6	10095.5	10072.8	10046.9
-15°	9267.6	9486.6	9673.8	9828.3	9952.9	10044.2	10097.1	10110.7	10107.3	10095.5	10077.3
-17.5°	9161.7	9390.5	9585.0	9750.9	9884.1	9987.9	10057.9	10099.0	10110.7	10108.6	10102.8
-20°	9042.7	9281.4	9478.5	9648.3	9791.3	9909.2	9999.8	10057.9	10097.1	10106.8	10112.5

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Scaled Data Report



REPORT NUMBER: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-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°	8895.5	9140.3	9351.5	9532.1	9680.6	9804.9	9909.2	9987.9	10044.2	10079.4	10099.2
-25°	8729.0	8984.9	9200.1	9386.3	9547.6	9680.6	9791.3	9884.1	9952.9	10011.1	10044.7
-27.5°	8533.9	8794.4	9026.5	9220.2	9386.3	9532.1	9648.3	9750.9	9828.3	9896.3	9941.4
-30°	8318.4	8582.3	8816.4	9026.5	9200.1	9351.5	9478.5	9585.0	9673.8	9747.6	9800.0
-32.5°	8059.6	8342.0	8582.3	8794.4	8984.9	9140.3	9281.4	9390.5	9486.6	9564.0	9623.6
-35°	7774.8	8059.6	8318.4	8533.9	8729.0	8895.5	9042.7	9161.7	9267.6	9348.1	9412.2
-37.5°	7445.1	7744.8	8006.4	8241.4	8438.3	8615.1	8764.5	8893.6	9007.6	9092.1	9162.4
-40°	7084.3	7386.6	7655.3	7901.2	8107.5	8297.7	8448.6	8584.7	8700.9	8791.9	8867.6
-42.5°	6695.3	6991.5	7265.1	7508.3	7730.5	7924.2	8087.0	8233.5	8352.5	8448.0	8527.3
-45°	6263.0	6561.7	6838.7	7079.5	7304.1	7497.6	7671.8	7828.2	7950.0	8052.3	8137.0
-47.5°	5784.2	6093.4	6364.5	6612.5	6837.5	7029.8	7204.8	7359.7	7486.6	7595.4	7685.3
-50°	5259.6	5573.4	5845.4	6100.4	6320.8	6517.7	6696.7	6849.5	6976.4	7085.0	7174.8
-52.5°	4685.3	4988.6	5273.4	5533.6	5752.6	5953.8	6136.4	6286.5	6415.6	6526.0	6617.1
-55°	4077.1	4369.1	4644.1	4893.0	5120.8	5329.8	5515.1	5664.8	5795.8	5907.7	5999.9
-57.5°	3474.5	3735.2	3982.5	4218.5	4436.9	4637.1	4813.7	4968.2	5103.3	5218.6	5313.6
-60°	2905.8	3111.3	3332.9	3541.9	3735.2	3912.2	4077.1	4224.1	4352.5	4462.0	4552.2
-62.5°	2397.0	2567.1	2742.4	2905.8	3056.8	3205.7	3350.6	3479.5	3592.1	3688.0	3766.9
-65°	1987.1	2117.5	2239.8	2353.5	2459.9	2584.0	2696.1	2795.8	2882.9	2957.0	3017.9
-67.5°	1633.8	1731.1	1822.2	1907.0	1995.2	2080.8	2158.0	2226.6	2286.5	2337.4	2379.3
-70°	1331.7	1399.6	1463.3	1528.2	1597.2	1660.1	1716.8	1767.2	1811.2	1848.6	1879.3
-72.5°	1080.1	1125.2	1170.4	1221.8	1269.2	1312.4	1351.4	1385.9	1416.1	1441.7	1462.8
-75°	872.4	907.6	943.6	976.9	1007.7	1035.7	1060.9	1083.3	1102.8	1119.4	1133.1
-77.5°	685.7	713.8	740.1	764.5	787.0	807.4	825.9	842.2	856.5	868.6	878.5
-80°	490.3	513.8	535.8	556.2	574.9	592.0	607.4	621.0	632.9	643.0	651.3
-82.5°	305.5	321.5	336.4	350.3	363.0	374.6	385.1	394.3	402.4	409.2	414.9
-85°	151.3	158.6	165.4	171.7	177.5	182.8	187.6	191.8	195.5	198.6	201.2
-87.5°	45.3	46.6	47.9	49.0	50.1	51.1	52.0	52.7	53.4	54.0	54.5
-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: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	54.8	55.1	55.2	55.3	55.2	55.1	54.8	54.5	54.0	53.4	52.7
85°	203.2	204.7	205.5	205.8	205.5	204.7	203.2	201.2	198.6	195.5	191.8
82.5°	419.2	422.4	424.3	424.9	424.3	422.4	419.2	414.9	409.2	402.4	394.3
80°	657.8	662.4	665.2	666.1	665.2	662.4	657.8	651.3	643.0	632.9	621.0
77.5°	886.3	891.8	895.2	896.3	895.2	891.8	886.3	878.5	868.6	856.5	842.2
75°	1143.7	1151.3	1155.9	1157.4	1155.9	1151.3	1143.7	1133.1	1119.4	1102.8	1083.3
72.5°	1479.2	1491.0	1498.0	1500.4	1498.0	1491.0	1479.2	1462.8	1441.7	1416.1	1385.9
70°	1903.3	1920.4	1930.8	1934.2	1930.8	1920.4	1903.3	1879.3	1848.6	1811.2	1767.2
67.5°	2412.0	2435.4	2449.5	2454.2	2449.5	2435.4	2412.0	2379.3	2337.4	2286.5	2226.6
65°	3065.5	3099.7	3120.2	3127.0	3120.2	3099.7	3065.5	3017.9	2957.0	2882.9	2795.8
62.5°	3828.6	3872.8	3899.3	3908.2	3899.3	3872.8	3828.6	3766.9	3688.0	3592.1	3479.5
60°	4622.6	4673.2	4703.6	4713.7	4703.6	4673.2	4622.6	4552.2	4462.0	4352.5	4224.1
57.5°	5387.9	5441.1	5473.2	5483.9	5473.2	5441.1	5387.9	5313.6	5218.6	5103.3	4968.2
55°	6072.1	6123.9	6155.1	6165.5	6155.1	6123.9	6072.1	5999.9	5907.7	5795.8	5664.8
52.5°	6688.4	6739.6	6770.4	6780.7	6770.4	6739.6	6688.4	6617.1	6526.0	6415.6	6286.5
50°	7245.1	7295.6	7326.0	7336.2	7326.0	7295.6	7245.1	7174.8	7085.0	6976.4	6849.5
47.5°	7755.9	7806.6	7837.2	7847.4	7837.2	7806.6	7755.9	7685.3	7595.4	7486.6	7359.7
45°	8203.6	8251.5	8280.4	8290.0	8280.4	8251.5	8203.6	8137.0	8052.3	7950.0	7828.2
42.5°	8589.6	8634.5	8661.5	8670.6	8661.5	8634.5	8589.6	8527.3	8448.0	8352.5	8233.5
40°	8927.2	8970.2	8996.1	9004.8	8996.1	8970.2	8927.2	8867.6	8791.9	8700.9	8584.7
37.5°	9217.9	9258.0	9282.2	9290.3	9282.2	9258.0	9217.9	9162.4	9092.1	9007.6	8893.6
35°	9462.9	9499.6	9521.9	9529.3	9521.9	9499.6	9462.9	9412.2	9348.1	9267.6	9161.7
32.5°	9670.9	9705.2	9725.9	9732.9	9725.9	9705.2	9670.9	9623.6	9564.0	9486.6	9390.5
30°	9841.7	9872.0	9890.4	9896.6	9890.4	9872.0	9841.7	9800.0	9747.6	9673.8	9585.0
27.5°	9977.4	10003.6	10019.6	10025.0	10019.6	10003.6	9977.4	9941.4	9896.3	9828.3	9750.9
25°	10066.6	10082.7	10092.5	10095.8	10092.5	10082.7	10066.6	10044.7	10011.1	9952.9	9884.1
22.5°	10105.3	10109.8	10112.6	10113.5	10112.6	10109.8	10105.3	10099.2	10079.4	10044.2	9987.9
20°	10108.2	10105.1	10103.2	10102.5	10103.2	10105.1	10108.2	10112.5	10106.8	10097.1	10057.9
17.5°	10090.0	10079.9	10073.6	10071.5	10073.6	10079.9	10090.0	10102.8	10108.6	10110.7	10099.0
15°	10059.2	10044.3	10034.8	10031.6	10034.8	10044.3	10059.2	10077.3	10095.5	10107.3	10110.7
12.5°	10024.8	10008.3	9997.7	9994.0	9997.7	10008.3	10024.8	10046.9	10072.8	10095.5	10108.6
10°	9993.8	9979.9	9970.7	9967.5	9970.7	9979.9	9993.8	10018.2	10046.9	10077.3	10102.8
7.5°	9973.8	9961.3	9954.5	9952.0	9954.5	9961.3	9973.8	9993.8	10024.8	10059.2	10090.0
5°	9961.3	9948.9	9938.5	9934.3	9938.5	9948.9	9961.3	9979.9	10008.3	10044.3	10079.9
2.5°	9954.5	9938.5	9922.6	9914.3	9922.6	9938.5	9954.5	9970.7	9997.7	10034.8	10073.6
0°	9952.0	9934.3	9914.3	9916.6	9914.3	9934.3	9952.0	9967.5	9994.0	10031.6	10071.5
-2.5°	9954.5	9938.5	9922.6	9914.3	9922.6	9938.5	9954.5	9970.7	9997.7	10034.8	10073.6
-5°	9961.3	9948.9	9938.5	9934.3	9938.5	9948.9	9961.3	9979.9	10008.3	10044.3	10079.9
-7.5°	9973.8	9961.3	9954.5	9952.0	9954.5	9961.3	9973.8	9993.8	10024.8	10059.2	10090.0
-10°	9993.8	9979.9	9970.7	9967.5	9970.7	9979.9	9993.8	10018.2	10046.9	10077.3	10102.8
-12.5°	10024.8	10008.3	9997.7	9994.0	9997.7	10008.3	10024.8	10046.9	10072.8	10095.5	10108.6
-15°	10059.2	10044.3	10034.8	10031.6	10034.8	10044.3	10059.2	10077.3	10095.5	10107.3	10110.7
-17.5°	10090.0	10079.9	10073.6	10071.5	10073.6	10079.9	10090.0	10102.8	10108.6	10110.7	10099.0
-20°	10108.2	10105.1	10103.2	10102.5	10103.2	10105.1	10108.2	10112.5	10106.8	10097.1	10057.9

Classified

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

Scaled Data Report



REPORT NUMBER: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-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°	10105.3	10109.8	10112.6	10113.5	10112.6	10109.8	10105.3	10099.2	10079.4	10044.2	9987.9
-25°	10066.6	10082.7	10092.5	10095.8	10092.5	10082.7	10066.6	10044.7	10011.1	9952.9	9884.1
-27.5°	9977.4	10003.6	10019.6	10025.0	10019.6	10003.6	9977.4	9941.4	9896.3	9828.3	9750.9
-30°	9841.7	9872.0	9890.4	9896.6	9890.4	9872.0	9841.7	9800.0	9747.6	9673.8	9585.0
-32.5°	9670.9	9705.2	9725.9	9732.9	9725.9	9705.2	9670.9	9623.6	9564.0	9486.6	9390.5
-35°	9462.9	9499.6	9521.9	9529.3	9521.9	9499.6	9462.9	9412.2	9348.1	9267.6	9161.7
-37.5°	9217.9	9258.0	9282.2	9290.3	9282.2	9258.0	9217.9	9162.4	9092.1	9007.6	8893.6
-40°	8927.2	8970.2	8996.1	9004.8	8996.1	8970.2	8927.2	8867.6	8791.9	8700.9	8584.7
-42.5°	8589.6	8634.5	8661.5	8670.6	8661.5	8634.5	8589.6	8527.3	8448.0	8352.5	8233.5
-45°	8203.6	8251.5	8280.4	8290.0	8280.4	8251.5	8203.6	8137.0	8052.3	7950.0	7828.2
-47.5°	7755.9	7806.6	7837.2	7847.4	7837.2	7806.6	7755.9	7685.3	7595.4	7486.6	7359.7
-50°	7245.1	7295.6	7326.0	7336.2	7326.0	7295.6	7245.1	7174.8	7085.0	6976.4	6849.5
-52.5°	6688.4	6739.6	6770.4	6780.7	6770.4	6739.6	6688.4	6617.1	6526.0	6415.6	6286.5
-55°	6072.1	6123.9	6155.1	6165.5	6155.1	6123.9	6072.1	5999.9	5907.7	5795.8	5664.8
-57.5°	5387.9	5441.1	5473.2	5483.9	5473.2	5441.1	5387.9	5313.6	5218.6	5103.3	4968.2
-60°	4622.6	4673.2	4703.6	4713.7	4703.6	4673.2	4622.6	4552.2	4462.0	4352.5	4224.1
-62.5°	3828.6	3872.8	3899.3	3908.2	3899.3	3872.8	3828.6	3766.9	3688.0	3592.1	3479.5
-65°	3065.5	3099.7	3120.2	3127.0	3120.2	3099.7	3065.5	3017.9	2957.0	2882.9	2795.8
-67.5°	2412.0	2435.4	2449.5	2454.2	2449.5	2435.4	2412.0	2379.3	2337.4	2286.5	2226.6
-70°	1903.3	1920.4	1930.8	1934.2	1930.8	1920.4	1903.3	1879.3	1848.6	1811.2	1767.2
-72.5°	1479.2	1491.0	1498.0	1500.4	1498.0	1491.0	1479.2	1462.8	1441.7	1416.1	1385.9
-75°	1143.7	1151.3	1155.9	1157.4	1155.9	1151.3	1143.7	1133.1	1119.4	1102.8	1083.3
-77.5°	886.3	891.8	895.2	896.3	895.2	891.8	886.3	878.5	868.6	856.5	842.2
-80°	657.8	662.4	665.2	666.1	665.2	662.4	657.8	651.3	643.0	632.9	621.0
-82.5°	419.2	422.4	424.3	424.9	424.3	422.4	419.2	414.9	409.2	402.4	394.3
-85°	203.2	204.7	205.5	205.8	205.5	204.7	203.2	201.2	198.6	195.5	191.8
-87.5°	54.8	55.1	55.2	55.3	55.2	55.1	54.8	54.5	54.0	53.4	52.7
-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: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	52.0	51.1	50.1	49.0	47.9	46.6	45.3	43.9	42.4	40.8	39.1
85°	187.6	182.8	177.5	171.7	165.4	158.6	151.3	143.5	135.3	126.6	117.5
82.5°	385.1	374.6	363.0	350.3	336.4	321.5	305.5	288.5	270.5	251.6	231.7
80°	607.4	592.0	574.9	556.2	535.8	513.8	490.3	465.3	438.8	412.2	385.7
77.5°	825.9	807.4	787.0	764.5	740.1	713.8	685.7	655.2	622.1	587.2	550.7
75°	1060.9	1035.7	1007.7	976.9	943.6	907.6	872.4	836.4	798.3	758.2	716.3
72.5°	1351.4	1312.4	1269.2	1221.8	1170.4	1125.2	1080.1	1032.3	981.7	928.6	875.7
70°	1716.8	1660.1	1597.2	1528.2	1463.3	1399.6	1331.7	1259.5	1183.3	1116.2	1052.5
67.5°	2158.0	2080.8	1995.2	1907.0	1822.2	1731.1	1633.8	1530.6	1438.2	1347.9	1253.4
65°	2696.1	2584.0	2459.9	2353.5	2239.8	2117.5	1987.1	1863.0	1741.5	1614.0	1485.0
62.5°	3350.6	3205.7	3056.8	2905.8	2742.4	2567.1	2397.0	2244.0	2082.9	1917.5	1770.5
60°	4077.1	3912.2	3735.2	3541.9	3332.9	3111.3	2905.8	2688.5	2459.9	2273.6	2080.8
57.5°	4813.7	4637.1	4436.9	4218.5	3982.5	3735.2	3474.5	3199.2	2940.0	2679.5	2418.7
55°	5515.1	5329.8	5120.8	4893.0	4644.1	4369.1	4077.1	3773.2	3459.7	3132.3	2838.4
52.5°	6136.4	5953.8	5752.6	5533.6	5273.4	4988.6	4685.3	4352.5	4003.9	3648.3	3282.2
50°	6696.7	6517.7	6320.8	6100.4	5845.4	5573.4	5259.6	4917.3	4552.2	4162.3	3762.6
47.5°	7204.8	7029.8	6837.5	6612.5	6364.5	6093.4	5784.2	5456.3	5073.2	4673.2	4242.1
45°	7671.8	7497.6	7304.1	7079.5	6838.7	6561.7	6263.0	5926.7	5565.1	5151.7	4713.7
42.5°	8087.0	7924.2	7730.5	7508.3	7265.1	6991.5	6695.3	6361.7	5998.5	5600.5	5151.7
40°	8448.6	8297.7	8107.5	7901.2	7655.3	7386.6	7084.3	6762.6	6394.8	5998.5	5565.1
37.5°	8764.5	8615.1	8438.3	8241.4	8006.4	7744.8	7445.1	7115.5	6762.6	6361.7	5926.7
35°	9042.7	8895.5	8729.0	8533.9	8318.4	8059.6	7774.8	7445.1	7084.3	6695.3	6263.0
32.5°	9281.4	9140.3	8984.9	8794.4	8582.3	8342.0	8059.6	7744.8	7386.6	6991.5	6561.7
30°	9478.5	9351.5	9200.1	9026.5	8816.4	8582.3	8318.4	8006.4	7655.3	7265.1	6838.7
27.5°	9648.3	9532.1	9386.3	9220.2	9026.5	8794.4	8533.9	8241.4	7901.2	7508.3	7079.5
25°	9791.3	9680.6	9547.6	9386.3	9200.1	8984.9	8729.0	8438.3	8107.5	7730.5	7304.1
22.5°	9909.2	9804.9	9680.6	9532.1	9351.5	9140.3	8895.5	8615.1	8297.7	7924.2	7497.6
20°	9999.8	9909.2	9791.3	9648.3	9478.5	9281.4	9042.7	8764.5	8448.6	8087.0	7671.8
17.5°	10057.9	9987.9	9884.1	9750.9	9585.0	9390.5	9161.7	8893.6	8584.7	8233.5	7828.2
15°	10097.1	10044.2	9952.9	9828.3	9673.8	9486.6	9267.6	9007.6	8700.9	8352.5	7950.0
12.5°	10106.8	10079.4	10011.1	9896.3	9747.6	9564.0	9348.1	9092.1	8791.9	8448.0	8052.3
10°	10112.5	10099.2	10044.7	9941.4	9800.0	9623.6	9412.2	9162.4	8867.6	8527.3	8137.0
7.5°	10108.2	10105.3	10066.6	9977.4	9841.7	9670.9	9462.9	9217.9	8927.2	8589.6	8203.6
5°	10105.1	10109.8	10082.7	10003.6	9872.0	9705.2	9499.6	9258.0	8970.2	8634.5	8251.5
2.5°	10103.2	10112.6	10092.5	10019.6	9890.4	9725.9	9521.9	9282.2	8996.1	8661.5	8280.4
0°	10102.5	10113.5	10095.8	10025.0	9896.6	9732.9	9529.3	9290.3	9004.8	8670.6	8290.0
-2.5°	10103.2	10112.6	10092.5	10019.6	9890.4	9725.9	9521.9	9282.2	8996.1	8661.5	8280.4
-5°	10105.1	10109.8	10082.7	10003.6	9872.0	9705.2	9499.6	9258.0	8970.2	8634.5	8251.5
-7.5°	10108.2	10105.3	10066.6	9977.4	9841.7	9670.9	9462.9	9217.9	8927.2	8589.6	8203.6
-10°	10112.5	10099.2	10044.7	9941.4	9800.0	9623.6	9412.2	9162.4	8867.6	8527.3	8137.0
-12.5°	10106.8	10079.4	10011.1	9896.3	9747.6	9564.0	9348.1	9092.1	8791.9	8448.0	8052.3
-15°	10097.1	10044.2	9952.9	9828.3	9673.8	9486.6	9267.6	9007.6	8700.9	8352.5	7950.0
-17.5°	10057.9	9987.9	9884.1	9750.9	9585.0	9390.5	9161.7	8893.6	8584.7	8233.5	7828.2
-20°	9999.8	9909.2	9791.3	9648.3	9478.5	9281.4	9042.7	8764.5	8448.6	8087.0	7671.8

Classified

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Scaled Data Report



REPORT NUMBER: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-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°	9909.2	9804.9	9680.6	9532.1	9351.5	9140.3	8895.5	8615.1	8297.7	7924.2	7497.6
-25°	9791.3	9680.6	9547.6	9386.3	9200.1	8984.9	8729.0	8438.3	8107.5	7730.5	7304.1
-27.5°	9648.3	9532.1	9386.3	9220.2	9026.5	8794.4	8533.9	8241.4	7901.2	7508.3	7079.5
-30°	9478.5	9351.5	9200.1	9026.5	8816.4	8582.3	8318.4	8006.4	7655.3	7265.1	6838.7
-32.5°	9281.4	9140.3	8984.9	8794.4	8582.3	8342.0	8059.6	7744.8	7386.6	6991.5	6561.7
-35°	9042.7	8895.5	8729.0	8533.9	8318.4	8059.6	7774.8	7445.1	7084.3	6695.3	6263.0
-37.5°	8764.5	8615.1	8438.3	8241.4	8006.4	7744.8	7445.1	7115.5	6762.6	6361.7	5926.7
-40°	8448.6	8297.7	8107.5	7901.2	7655.3	7386.6	7084.3	6762.6	6394.8	5998.5	5565.1
-42.5°	8087.0	7924.2	7730.5	7508.3	7265.1	6991.5	6695.3	6361.7	5998.5	5600.5	5151.7
-45°	7671.8	7497.6	7304.1	7079.5	6838.7	6561.7	6263.0	5926.7	5565.1	5151.7	4713.7
-47.5°	7204.8	7029.8	6837.5	6612.5	6364.5	6093.4	5784.2	5456.3	5073.2	4673.2	4242.1
-50°	6696.7	6517.7	6320.8	6100.4	5845.4	5573.4	5259.6	4917.3	4552.2	4162.3	3762.6
-52.5°	6136.4	5953.8	5752.6	5533.6	5273.4	4988.6	4685.3	4352.5	4003.9	3648.3	3282.2
-55°	5515.1	5329.8	5120.8	4893.0	4644.1	4369.1	4077.1	3773.2	3459.7	3132.3	2838.4
-57.5°	4813.7	4637.1	4436.9	4218.5	3982.5	3735.2	3474.5	3199.2	2940.0	2679.5	2418.7
-60°	4077.1	3912.2	3735.2	3541.9	3332.9	3111.3	2905.8	2688.5	2459.9	2273.6	2080.8
-62.5°	3350.6	3205.7	3056.8	2905.8	2742.4	2567.1	2397.0	2244.0	2082.9	1917.5	1770.5
-65°	2696.1	2584.0	2459.9	2353.5	2239.8	2117.5	1987.1	1863.0	1741.5	1614.0	1485.0
-67.5°	2158.0	2080.8	1995.2	1907.0	1822.2	1731.1	1633.8	1530.6	1438.2	1347.9	1253.4
-70°	1716.8	1660.1	1597.2	1528.2	1463.3	1399.6	1331.7	1259.5	1183.3	1116.2	1052.5
-72.5°	1351.4	1312.4	1269.2	1221.8	1170.4	1125.2	1080.1	1032.3	981.7	928.6	875.7
-75°	1060.9	1035.7	1007.7	976.9	943.6	907.6	872.4	836.4	798.3	758.2	716.3
-77.5°	825.9	807.4	787.0	764.5	740.1	713.8	685.7	655.2	622.1	587.2	550.7
-80°	607.4	592.0	574.9	556.2	535.8	513.8	490.3	465.3	438.8	412.2	385.7
-82.5°	385.1	374.6	363.0	350.3	336.4	321.5	305.5	288.5	270.5	251.6	231.7
-85°	187.6	182.8	177.5	171.7	165.4	158.6	151.3	143.5	135.3	126.6	117.5
-87.5°	52.0	51.1	50.1	49.0	47.9	46.6	45.3	43.9	42.4	40.8	39.1
-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: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	37.4	35.5	33.7	31.7	29.7	27.6	25.5	23.4	21.2	18.9	16.6
85°	108.0	98.1	87.9	77.3	66.4	55.2	51.0	46.7	42.3	37.8	33.2
82.5°	211.0	194.5	179.2	163.3	146.9	130.1	112.8	95.2	77.2	58.8	49.8
80°	358.0	329.3	299.4	268.6	236.8	204.7	181.7	158.2	134.2	109.8	85.0
77.5°	512.5	472.9	431.8	392.6	352.9	312.1	270.3	227.6	190.8	160.4	129.4
75°	672.6	625.2	575.9	525.0	472.5	419.2	369.1	318.0	265.8	212.7	173.5
72.5°	824.6	771.5	716.6	659.5	598.4	535.6	471.3	407.5	346.7	285.0	222.3
70°	986.1	917.2	851.9	787.0	720.4	651.3	578.0	503.1	426.9	356.3	285.0
67.5°	1155.7	1078.0	997.8	915.1	837.9	761.0	682.5	599.3	513.8	426.9	346.7
65°	1375.5	1262.0	1147.8	1055.9	961.6	868.6	781.5	692.7	599.3	503.1	407.5
62.5°	1617.9	1468.3	1339.3	1206.5	1091.1	984.9	878.9	781.5	682.5	578.0	471.3
60°	1889.5	1716.8	1538.7	1385.9	1237.5	1102.8	984.9	868.6	761.0	651.3	535.6
57.5°	2201.3	1976.7	1776.7	1578.4	1401.6	1237.5	1091.1	961.6	837.9	720.4	598.4
55°	2534.7	2274.2	2025.0	1796.7	1578.4	1385.9	1206.5	1055.9	915.1	787.0	659.5
52.5°	2934.5	2598.4	2298.6	2025.0	1776.7	1538.7	1339.3	1147.8	997.8	851.9	716.6
50°	3357.7	2966.7	2598.4	2274.2	1976.7	1716.8	1468.3	1262.0	1078.0	917.2	771.5
47.5°	3800.9	3357.7	2934.5	2534.7	2201.3	1889.5	1617.9	1375.5	1155.7	986.1	824.6
45°	4242.1	3762.6	3282.2	2838.4	2418.7	2080.8	1770.5	1485.0	1253.4	1052.5	875.7
42.5°	4673.2	4162.3	3648.3	3132.3	2679.5	2273.6	1917.5	1614.0	1347.9	1116.2	928.6
40°	5073.2	4552.2	4003.9	3459.7	2940.0	2459.9	2082.9	1741.5	1438.2	1183.3	981.7
37.5°	5456.3	4917.3	4352.5	3773.2	3199.2	2688.5	2244.0	1863.0	1530.6	1259.5	1032.3
35°	5784.2	5259.6	4685.3	4077.1	3474.5	2905.8	2397.0	1987.1	1633.8	1331.7	1080.1
32.5°	6093.4	5573.4	4988.6	4369.1	3735.2	3111.3	2567.1	2117.5	1731.1	1399.6	1125.2
30°	6364.5	5845.4	5273.4	4644.1	3982.5	3332.9	2742.4	2239.8	1822.2	1463.3	1170.4
27.5°	6612.5	6100.4	5533.6	4893.0	4218.5	3541.9	2905.8	2353.5	1907.0	1528.2	1221.8
25°	6837.5	6320.8	5752.6	5120.8	4436.9	3735.2	3056.8	2459.9	1995.2	1597.2	1269.2
22.5°	7029.8	6517.7	5953.8	5329.8	4637.1	3912.2	3205.7	2584.0	2080.8	1660.1	1312.4
20°	7204.8	6696.7	6136.4	5515.1	4813.7	4077.1	3350.6	2696.1	2158.0	1716.8	1351.4
17.5°	7359.7	6849.5	6286.5	5664.8	4968.2	4224.1	3479.5	2795.8	2226.6	1767.2	1385.9
15°	7486.6	6976.4	6415.6	5795.8	5103.3	4352.5	3592.1	2882.9	2286.5	1811.2	1416.1
12.5°	7595.4	7085.0	6526.0	5907.7	5218.6	4462.0	3688.0	2957.0	2337.4	1848.6	1441.7
10°	7685.3	7174.8	6617.1	5999.9	5313.6	4552.2	3766.9	3017.9	2379.3	1879.3	1462.8
7.5°	7755.9	7245.1	6688.4	6072.1	5387.9	4622.6	3828.6	3065.5	2412.0	1903.3	1479.2
5°	7806.6	7295.6	6739.6	6123.9	5441.1	4673.2	3872.8	3099.7	2435.4	1920.4	1491.0
2.5°	7837.2	7326.0	6770.4	6155.1	5473.2	4703.6	3899.3	3120.2	2449.5	1930.8	1498.0
0°	7847.4	7336.2	6780.7	6165.5	5483.9	4713.7	3908.2	3127.0	2454.2	1934.2	1500.4
-2.5°	7837.2	7326.0	6770.4	6155.1	5473.2	4703.6	3899.3	3120.2	2449.5	1930.8	1498.0
-5°	7806.6	7295.6	6739.6	6123.9	5441.1	4673.2	3872.8	3099.7	2435.4	1920.4	1491.0
-7.5°	7755.9	7245.1	6688.4	6072.1	5387.9	4622.6	3828.6	3065.5	2412.0	1903.3	1479.2
-10°	7685.3	7174.8	6617.1	5999.9	5313.6	4552.2	3766.9	3017.9	2379.3	1879.3	1462.8
-12.5°	7595.4	7085.0	6526.0	5907.7	5218.6	4462.0	3688.0	2957.0	2337.4	1848.6	1441.7
-15°	7486.6	6976.4	6415.6	5795.8	5103.3	4352.5	3592.1	2882.9	2286.5	1811.2	1416.1
-17.5°	7359.7	6849.5	6286.5	5664.8	4968.2	4224.1	3479.5	2795.8	2226.6	1767.2	1385.9
-20°	7204.8	6696.7	6136.4	5515.1	4813.7	4077.1	3350.6	2696.1	2158.0	1716.8	1351.4



REPORT NUMBER: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	7029.8	6517.7	5953.8	5329.8	4637.1	3912.2	3205.7	2584.0	2080.8	1660.1	1312.4
-25°	6837.5	6320.8	5752.6	5120.8	4436.9	3735.2	3056.8	2459.9	1995.2	1597.2	1269.2
-27.5°	6612.5	6100.4	5533.6	4893.0	4218.5	3541.9	2905.8	2353.5	1907.0	1528.2	1221.8
-30°	6364.5	5845.4	5273.4	4644.1	3982.5	3332.9	2742.4	2239.8	1822.2	1463.3	1170.4
-32.5°	6093.4	5573.4	4988.6	4369.1	3735.2	3111.3	2567.1	2117.5	1731.1	1399.6	1125.2
-35°	5784.2	5259.6	4685.3	4077.1	3474.5	2905.8	2397.0	1987.1	1633.8	1331.7	1080.1
-37.5°	5456.3	4917.3	4352.5	3773.2	3199.2	2688.5	2244.0	1863.0	1530.6	1259.5	1032.3
-40°	5073.2	4552.2	4003.9	3459.7	2940.0	2459.9	2082.9	1741.5	1438.2	1183.3	981.7
-42.5°	4673.2	4162.3	3648.3	3132.3	2679.5	2273.6	1917.5	1614.0	1347.9	1116.2	928.6
-45°	4242.1	3762.6	3282.2	2838.4	2418.7	2080.8	1770.5	1485.0	1253.4	1052.5	875.7
-47.5°	3800.9	3357.7	2934.5	2534.7	2201.3	1889.5	1617.9	1375.5	1155.7	986.1	824.6
-50°	3357.7	2966.7	2598.4	2274.2	1976.7	1716.8	1468.3	1262.0	1078.0	917.2	771.5
-52.5°	2934.5	2598.4	2298.6	2025.0	1776.7	1538.7	1339.3	1147.8	997.8	851.9	716.6
-55°	2534.7	2274.2	2025.0	1796.7	1578.4	1385.9	1206.5	1055.9	915.1	787.0	659.5
-57.5°	2201.3	1976.7	1776.7	1578.4	1401.6	1237.5	1091.1	961.6	837.9	720.4	598.4
-60°	1889.5	1716.8	1538.7	1385.9	1237.5	1102.8	984.9	868.6	761.0	651.3	535.6
-62.5°	1617.9	1468.3	1339.3	1206.5	1091.1	984.9	878.9	781.5	682.5	578.0	471.3
-65°	1375.5	1262.0	1147.8	1055.9	961.6	868.6	781.5	692.7	599.3	503.1	407.5
-67.5°	1155.7	1078.0	997.8	915.1	837.9	761.0	682.5	599.3	513.8	426.9	346.7
-70°	986.1	917.2	851.9	787.0	720.4	651.3	578.0	503.1	426.9	356.3	285.0
-72.5°	824.6	771.5	716.6	659.5	598.4	535.6	471.3	407.5	346.7	285.0	222.3
-75°	672.6	625.2	575.9	525.0	472.5	419.2	369.1	318.0	265.8	212.7	173.5
-77.5°	512.5	472.9	431.8	392.6	352.9	312.1	270.3	227.6	190.8	160.4	129.4
-80°	358.0	329.3	299.4	268.6	236.8	204.7	181.7	158.2	134.2	109.8	85.0
-82.5°	211.0	194.5	179.2	163.3	146.9	130.1	112.8	95.2	77.2	58.8	49.8
-85°	108.0	98.1	87.9	77.3	66.4	55.2	51.0	46.7	42.3	37.8	33.2
-87.5°	37.4	35.5	33.7	31.7	29.7	27.6	25.5	23.4	21.2	18.9	16.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report



REPORT NUMBER: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-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°	14.3	12.0	9.6	7.2	4.8	2.4	0.0
85°	28.6	23.9	19.2	14.4	9.6	4.8	0.0
82.5°	42.8	35.8	28.7	21.6	14.4	7.2	0.0
80°	59.9	47.6	38.2	28.7	19.2	9.6	0.0
77.5°	98.1	66.4	47.6	35.8	23.9	12.0	0.0
75°	136.0	98.1	59.9	42.8	28.6	14.3	0.0
72.5°	173.5	129.4	85.0	49.8	33.2	16.6	0.0
70°	212.7	160.4	109.8	58.8	37.8	18.9	0.0
67.5°	265.8	190.8	134.2	77.2	42.3	21.2	0.0
65°	318.0	227.6	158.2	95.2	46.7	23.4	0.0
62.5°	369.1	270.3	181.7	112.8	51.0	25.5	0.0
60°	419.2	312.1	204.7	130.1	55.2	27.6	0.0
57.5°	472.5	352.9	236.8	146.9	66.4	29.7	0.0
55°	525.0	392.6	268.6	163.3	77.3	31.7	0.0
52.5°	575.9	431.8	299.4	179.2	87.9	33.7	0.0
50°	625.2	472.9	329.3	194.5	98.1	35.5	0.0
47.5°	672.6	512.5	358.0	211.0	108.0	37.4	0.0
45°	716.3	550.7	385.7	231.7	117.5	39.1	0.0
42.5°	758.2	587.2	412.2	251.6	126.6	40.8	0.0
40°	798.3	622.1	438.8	270.5	135.3	42.4	0.0
37.5°	836.4	655.2	465.3	288.5	143.5	43.9	0.0
35°	872.4	685.7	490.3	305.5	151.3	45.3	0.0
32.5°	907.6	713.8	513.8	321.5	158.6	46.6	0.0
30°	943.6	740.1	535.8	336.4	165.4	47.9	0.0
27.5°	976.9	764.5	556.2	350.3	171.7	49.0	0.0
25°	1007.7	787.0	574.9	363.0	177.5	50.1	0.0
22.5°	1035.7	807.4	592.0	374.6	182.8	51.1	0.0
20°	1060.9	825.9	607.4	385.1	187.6	52.0	0.0
17.5°	1083.3	842.2	621.0	394.3	191.8	52.7	0.0
15°	1102.8	856.5	632.9	402.4	195.5	53.4	0.0
12.5°	1119.4	868.6	643.0	409.2	198.6	54.0	0.0
10°	1133.1	878.5	651.3	414.9	201.2	54.5	0.0
7.5°	1143.7	886.3	657.8	419.2	203.2	54.8	0.0
5°	1151.3	891.8	662.4	422.4	204.7	55.1	0.0
2.5°	1155.9	895.2	665.2	424.3	205.5	55.2	0.0
0°	1157.4	896.3	666.1	424.9	205.8	55.3	0.0
-2.5°	1155.9	895.2	665.2	424.3	205.5	55.2	0.0
-5°	1151.3	891.8	662.4	422.4	204.7	55.1	0.0
-7.5°	1143.7	886.3	657.8	419.2	203.2	54.8	0.0
-10°	1133.1	878.5	651.3	414.9	201.2	54.5	0.0
-12.5°	1119.4	868.6	643.0	409.2	198.6	54.0	0.0
-15°	1102.8	856.5	632.9	402.4	195.5	53.4	0.0
-17.5°	1083.3	842.2	621.0	394.3	191.8	52.7	0.0
-20°	1060.9	825.9	607.4	385.1	187.6	52.0	0.0

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Scaled Data Report



REPORT NUMBER: P645520 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1035.7	807.4	592.0	374.6	182.8	51.1	0.0
-25°	1007.7	787.0	574.9	363.0	177.5	50.1	0.0
-27.5°	976.9	764.5	556.2	350.3	171.7	49.0	0.0
-30°	943.6	740.1	535.8	336.4	165.4	47.9	0.0
-32.5°	907.6	713.8	513.8	321.5	158.6	46.6	0.0
-35°	872.4	685.7	490.3	305.5	151.3	45.3	0.0
-37.5°	836.4	655.2	465.3	288.5	143.5	43.9	0.0
-40°	798.3	622.1	438.8	270.5	135.3	42.4	0.0
-42.5°	758.2	587.2	412.2	251.6	126.6	40.8	0.0
-45°	716.3	550.7	385.7	231.7	117.5	39.1	0.0
-47.5°	672.6	512.5	358.0	211.0	108.0	37.4	0.0
-50°	625.2	472.9	329.3	194.5	98.1	35.5	0.0
-52.5°	575.9	431.8	299.4	179.2	87.9	33.7	0.0
-55°	525.0	392.6	268.6	163.3	77.3	31.7	0.0
-57.5°	472.5	352.9	236.8	146.9	66.4	29.7	0.0
-60°	419.2	312.1	204.7	130.1	55.2	27.6	0.0
-62.5°	369.1	270.3	181.7	112.8	51.0	25.5	0.0
-65°	318.0	227.6	158.2	95.2	46.7	23.4	0.0
-67.5°	265.8	190.8	134.2	77.2	42.3	21.2	0.0
-70°	212.7	160.4	109.8	58.8	37.8	18.9	0.0
-72.5°	173.5	129.4	85.0	49.8	33.2	16.6	0.0
-75°	136.0	98.1	59.9	42.8	28.6	14.3	0.0
-77.5°	98.1	66.4	47.6	35.8	23.9	12.0	0.0
-80°	59.9	47.6	38.2	28.7	19.2	9.6	0.0
-82.5°	42.8	35.8	28.7	21.6	14.4	7.2	0.0
-85°	28.6	23.9	19.2	14.4	9.6	4.8	0.0
-87.5°	14.3	12.0	9.6	7.2	4.8	2.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)