

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: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5B-740-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645508 (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-SA5B-740-U-LAM-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

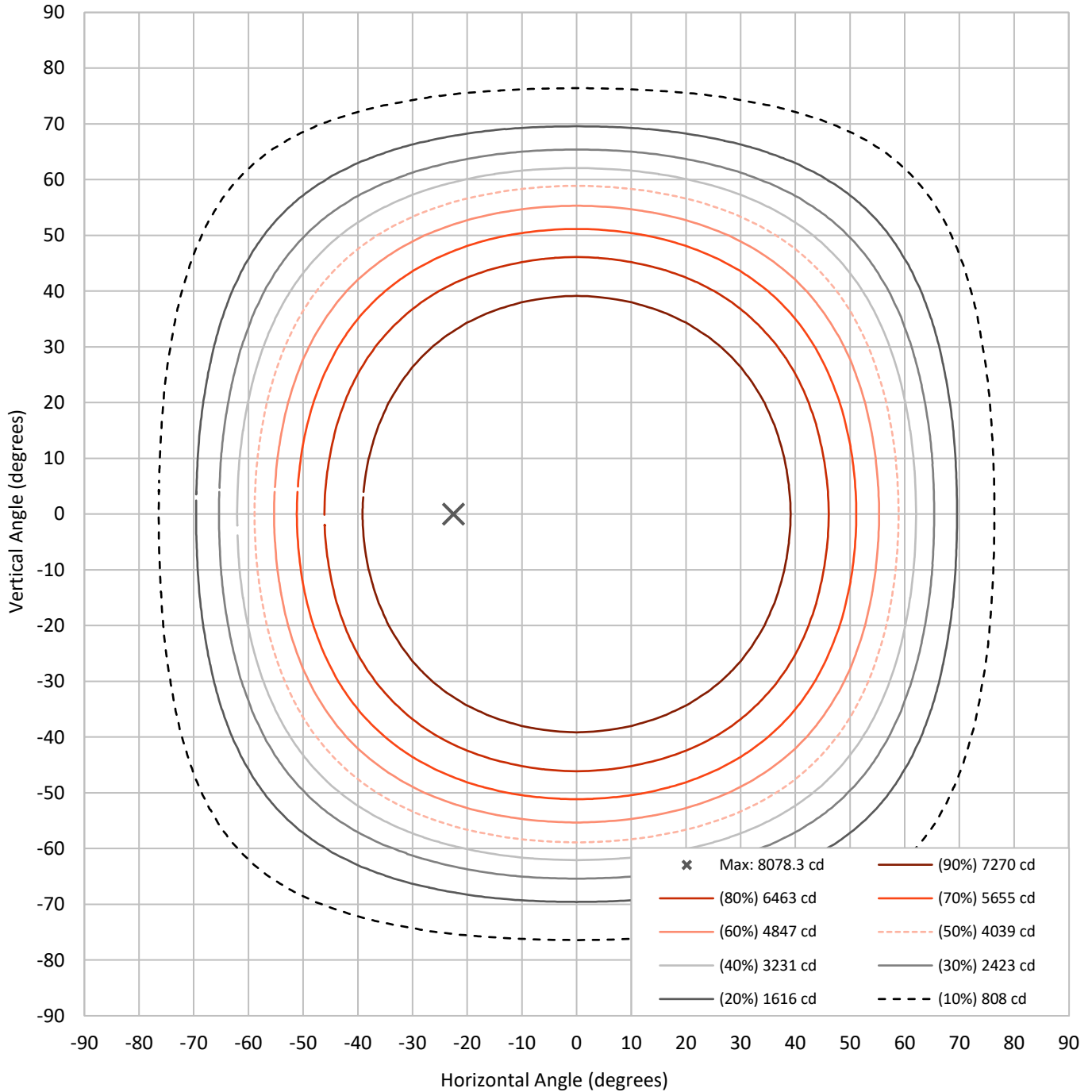
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	24712.1 lumens	Max Intensity:	8078.3 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	155.7 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:	20565.9 lumens	Field Lumens:	24226.1 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	158.7		
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		



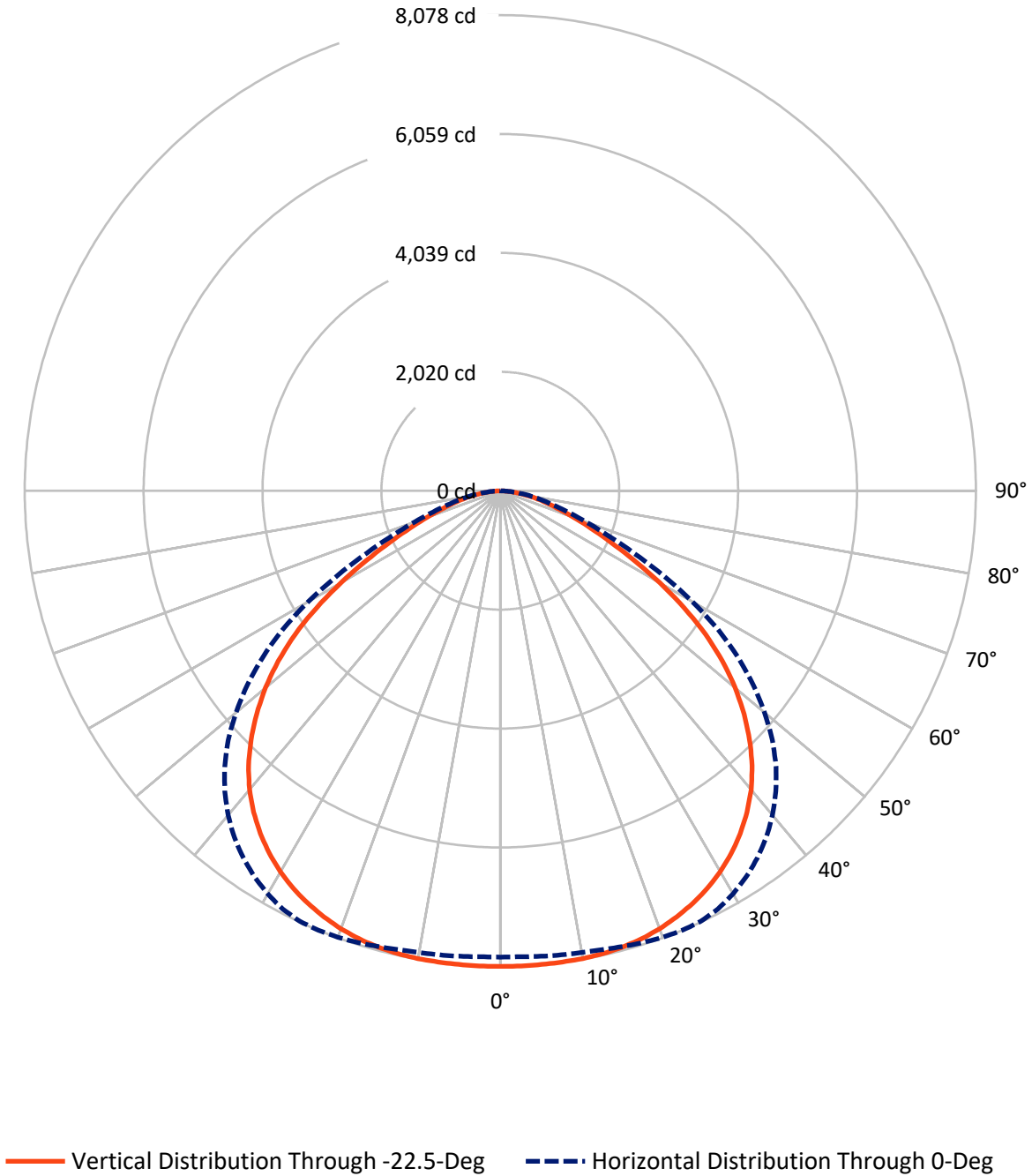
REPORT NUMBER: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot



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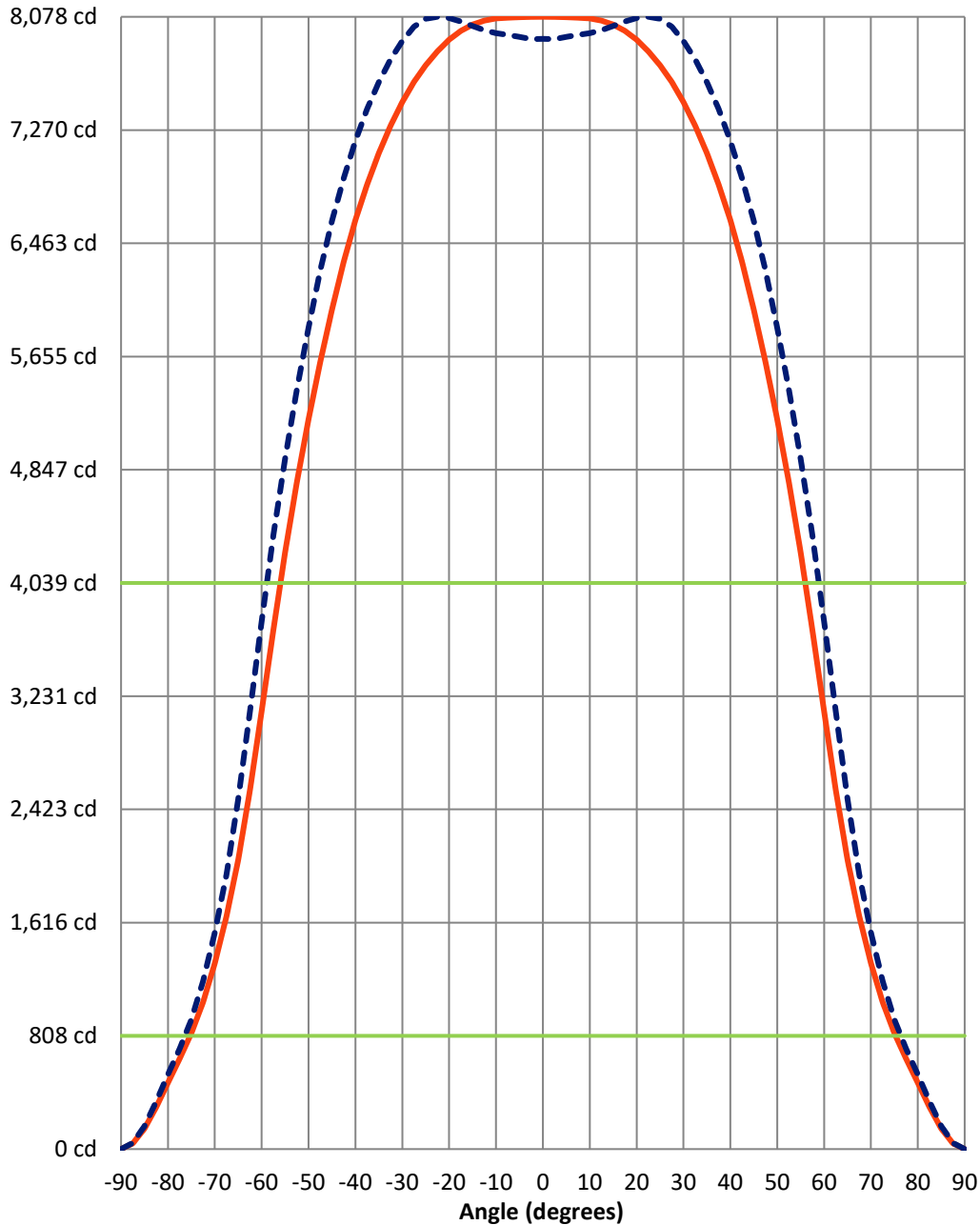
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 20565.9
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 24226.1
 Efficiency: 98.0%

Spill:
 Lumens: 486
 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	1.9	3.9	5.8	7.7	9.6	11.4	13.3	15.1	16.9	18.7
85°	0.0	3.9	7.7	11.5	15.3	19.1	22.9	26.6	30.2	33.8	37.3
82.5°	0.0	5.8	11.5	17.3	23.0	28.6	34.2	39.8	47.0	61.7	76.0
80°	0.0	7.7	15.3	23.0	30.5	38.1	47.9	67.9	87.7	107.2	126.3
77.5°	0.0	9.6	19.1	28.6	38.1	53.1	78.4	103.4	128.1	152.4	181.8
75°	0.0	11.4	22.9	34.2	47.9	78.4	108.7	138.6	169.9	212.3	254.0
72.5°	0.0	13.3	26.6	39.8	67.9	103.4	138.6	177.6	227.6	277.0	325.5
70°	0.0	15.1	30.2	47.0	87.7	128.1	169.9	227.6	284.6	341.0	401.9
67.5°	0.0	16.9	33.8	61.7	107.2	152.4	212.3	277.0	341.0	410.4	478.7
65°	0.0	18.7	37.3	76.0	126.3	181.8	254.0	325.5	401.9	478.7	553.3
62.5°	0.0	20.4	40.8	90.1	145.1	215.9	294.9	376.5	461.7	545.2	624.2
60°	0.0	22.1	44.2	103.9	163.5	249.3	334.9	427.8	520.3	607.9	693.8
57.5°	0.0	23.7	53.1	117.4	189.1	281.9	377.5	478.0	575.4	669.3	768.0
55°	0.0	25.3	61.8	130.4	214.5	313.6	419.4	526.9	628.7	730.9	843.4
52.5°	0.0	26.9	70.2	143.1	239.2	344.9	460.0	572.4	680.4	797.0	916.9
50°	0.0	28.4	78.4	155.4	263.0	377.7	499.5	616.3	732.6	861.1	1008.1
47.5°	0.0	29.9	86.3	168.5	286.0	409.4	537.3	658.7	787.6	923.1	1098.7
45°	0.0	31.2	93.9	185.1	308.1	439.9	572.2	699.5	840.7	1001.2	1186.2
42.5°	0.0	32.6	101.1	201.0	329.3	469.1	605.7	741.7	891.6	1076.6	1289.3
40°	0.0	33.9	108.1	216.1	350.5	496.9	637.6	784.1	945.2	1148.8	1391.1
37.5°	0.0	35.1	114.6	230.5	371.7	523.4	668.0	824.5	1006.1	1222.6	1488.2
35°	0.0	36.2	120.8	244.0	391.6	547.7	696.8	862.8	1063.7	1305.1	1587.3
32.5°	0.0	37.3	126.7	256.8	410.4	570.2	724.9	898.8	1118.0	1382.8	1691.4
30°	0.0	38.3	132.1	268.7	428.0	591.2	753.7	934.9	1168.8	1455.5	1789.1
27.5°	0.0	39.2	137.2	279.8	444.3	610.7	780.3	976.0	1220.7	1523.2	1880.0
25°	0.0	40.1	141.8	290.0	459.2	628.6	804.9	1013.8	1275.8	1593.8	1964.9
22.5°	0.0	40.8	146.1	299.2	472.9	644.9	827.2	1048.3	1326.1	1662.1	2064.1
20°	0.0	41.5	149.9	307.6	485.2	659.7	847.4	1079.4	1371.4	1723.8	2153.6
17.5°	0.0	42.2	153.2	315.0	496.1	672.7	865.3	1107.1	1411.6	1778.6	2233.2
15°	0.0	42.7	156.2	321.4	505.6	684.1	880.9	1131.1	1446.7	1826.4	2302.8
12.5°	0.0	43.2	158.7	326.9	513.6	693.8	894.2	1151.6	1476.6	1867.1	2361.9
10°	0.0	43.5	160.7	331.4	520.3	701.7	905.0	1168.4	1501.1	1900.6	2410.6
7.5°	0.0	43.8	162.3	334.9	525.4	707.9	913.5	1181.6	1520.3	1926.7	2448.6
5°	0.0	44.0	163.5	337.4	529.1	712.3	919.6	1191.0	1534.0	1945.4	2475.9
2.5°	0.0	44.2	164.2	338.9	531.4	715.0	923.3	1196.6	1542.2	1956.6	2492.2
0°	0.0	44.2	164.4	339.4	532.1	715.9	924.5	1198.5	1545.0	1960.4	2497.7
-2.5°	0.0	44.2	164.2	338.9	531.4	715.0	923.3	1196.6	1542.2	1956.6	2492.2
-5°	0.0	44.0	163.5	337.4	529.1	712.3	919.6	1191.0	1534.0	1945.4	2475.9
-7.5°	0.0	43.8	162.3	334.9	525.4	707.9	913.5	1181.6	1520.3	1926.7	2448.6
-10°	0.0	43.5	160.7	331.4	520.3	701.7	905.0	1168.4	1501.1	1900.6	2410.6
-12.5°	0.0	43.2	158.7	326.9	513.6	693.8	894.2	1151.6	1476.6	1867.1	2361.9
-15°	0.0	42.7	156.2	321.4	505.6	684.1	880.9	1131.1	1446.7	1826.4	2302.8
-17.5°	0.0	42.2	153.2	315.0	496.1	672.7	865.3	1107.1	1411.6	1778.6	2233.2
-20°	0.0	41.5	149.9	307.6	485.2	659.7	847.4	1079.4	1371.4	1723.8	2153.6



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 CATALOG NUMBER: GFLD-SA5B-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	40.8	146.1	299.2	472.9	644.9	827.2	1048.3	1326.1	1662.1	2064.1
-25°	0.0	40.1	141.8	290.0	459.2	628.6	804.9	1013.8	1275.8	1593.8	1964.9
-27.5°	0.0	39.2	137.2	279.8	444.3	610.7	780.3	976.0	1220.7	1523.2	1880.0
-30°	0.0	38.3	132.1	268.7	428.0	591.2	753.7	934.9	1168.8	1455.5	1789.1
-32.5°	0.0	37.3	126.7	256.8	410.4	570.2	724.9	898.8	1118.0	1382.8	1691.4
-35°	0.0	36.2	120.8	244.0	391.6	547.7	696.8	862.8	1063.7	1305.1	1587.3
-37.5°	0.0	35.1	114.6	230.5	371.7	523.4	668.0	824.5	1006.1	1222.6	1488.2
-40°	0.0	33.9	108.1	216.1	350.5	496.9	637.6	784.1	945.2	1148.8	1391.1
-42.5°	0.0	32.6	101.1	201.0	329.3	469.1	605.7	741.7	891.6	1076.6	1289.3
-45°	0.0	31.2	93.9	185.1	308.1	439.9	572.2	699.5	840.7	1001.2	1186.2
-47.5°	0.0	29.9	86.3	168.5	286.0	409.4	537.3	658.7	787.6	923.1	1098.7
-50°	0.0	28.4	78.4	155.4	263.0	377.7	499.5	616.3	732.6	861.1	1008.1
-52.5°	0.0	26.9	70.2	143.1	239.2	344.9	460.0	572.4	680.4	797.0	916.9
-55°	0.0	25.3	61.8	130.4	214.5	313.6	419.4	526.9	628.7	730.9	843.4
-57.5°	0.0	23.7	53.1	117.4	189.1	281.9	377.5	478.0	575.4	669.3	768.0
-60°	0.0	22.1	44.2	103.9	163.5	249.3	334.9	427.8	520.3	607.9	693.8
-62.5°	0.0	20.4	40.8	90.1	145.1	215.9	294.9	376.5	461.7	545.2	624.2
-65°	0.0	18.7	37.3	76.0	126.3	181.8	254.0	325.5	401.9	478.7	553.3
-67.5°	0.0	16.9	33.8	61.7	107.2	152.4	212.3	277.0	341.0	410.4	478.7
-70°	0.0	15.1	30.2	47.0	87.7	128.1	169.9	227.6	284.6	341.0	401.9
-72.5°	0.0	13.3	26.6	39.8	67.9	103.4	138.6	177.6	227.6	277.0	325.5
-75°	0.0	11.4	22.9	34.2	47.9	78.4	108.7	138.6	169.9	212.3	254.0
-77.5°	0.0	9.6	19.1	28.6	38.1	53.1	78.4	103.4	128.1	152.4	181.8
-80°	0.0	7.7	15.3	23.0	30.5	38.1	47.9	67.9	87.7	107.2	126.3
-82.5°	0.0	5.8	11.5	17.3	23.0	28.6	34.2	39.8	47.0	61.7	76.0
-85°	0.0	3.9	7.7	11.5	15.3	19.1	22.9	26.6	30.2	33.8	37.3
-87.5°	0.0	1.9	3.9	5.8	7.7	9.6	11.4	13.3	15.1	16.9	18.7
-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: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.4	22.1	23.7	25.3	26.9	28.4	29.9	31.2	32.6	33.9	35.1
85°	40.8	44.2	53.1	61.8	70.2	78.4	86.3	93.9	101.1	108.1	114.6
82.5°	90.1	103.9	117.4	130.4	143.1	155.4	168.5	185.1	201.0	216.1	230.5
80°	145.1	163.5	189.1	214.5	239.2	263.0	286.0	308.1	329.3	350.5	371.7
77.5°	215.9	249.3	281.9	313.6	344.9	377.7	409.4	439.9	469.1	496.9	523.4
75°	294.9	334.9	377.5	419.4	460.0	499.5	537.3	572.2	605.7	637.6	668.0
72.5°	376.5	427.8	478.0	526.9	572.4	616.3	658.7	699.5	741.7	784.1	824.5
70°	461.7	520.3	575.4	628.7	680.4	732.6	787.6	840.7	891.6	945.2	1006.1
67.5°	545.2	607.9	669.3	730.9	797.0	861.1	923.1	1001.2	1076.6	1148.8	1222.6
65°	624.2	693.8	768.0	843.4	916.9	1008.1	1098.7	1186.2	1289.3	1391.1	1488.2
62.5°	702.0	786.7	871.5	963.7	1069.8	1172.8	1292.3	1414.3	1531.6	1663.8	1792.5
60°	786.7	880.9	988.5	1107.1	1229.1	1371.4	1509.3	1662.1	1816.1	1964.9	2147.5
57.5°	871.5	988.5	1119.5	1260.8	1419.2	1579.0	1758.4	1932.0	2140.3	2348.4	2555.4
55°	963.7	1107.1	1260.8	1435.2	1617.6	1816.6	2024.7	2267.2	2501.9	2763.4	3013.9
52.5°	1069.8	1229.1	1419.2	1617.6	1836.1	2075.5	2344.0	2621.7	2914.1	3198.1	3476.7
50°	1172.8	1371.4	1579.0	1816.6	2075.5	2369.7	2682.0	3005.4	3324.7	3636.2	3927.8
47.5°	1292.3	1509.3	1758.4	2024.7	2344.0	2682.0	3036.0	3388.4	3732.8	4052.3	4358.3
45°	1414.3	1662.1	1932.0	2267.2	2621.7	3005.4	3388.4	3765.2	4115.0	4445.2	4734.0
42.5°	1531.6	1816.1	2140.3	2501.9	2914.1	3324.7	3732.8	4115.0	4473.4	4791.4	5081.5
40°	1663.8	1964.9	2348.4	2763.4	3198.1	3636.2	4052.3	4445.2	4791.4	5108.0	5401.8
37.5°	1792.5	2147.5	2555.4	3013.9	3476.7	3927.8	4358.3	4734.0	5081.5	5401.8	5683.6
35°	1914.7	2321.1	2775.3	3256.7	3742.5	4201.2	4620.2	5002.7	5347.9	5658.7	5946.8
32.5°	2050.5	2485.2	2983.5	3489.9	3984.7	4451.8	4867.2	5241.3	5584.6	5900.1	6186.2
30°	2190.6	2662.2	3181.1	3709.6	4212.2	4669.1	5083.7	5462.6	5803.1	6114.8	6395.2
27.5°	2321.1	2829.1	3369.6	3908.4	4420.0	4872.8	5281.9	5654.9	5997.4	6311.2	6583.0
25°	2441.6	2983.5	3544.1	4090.3	4594.9	5048.8	5461.5	5834.3	6174.8	6476.0	6740.2
22.5°	2560.6	3124.9	3704.0	4257.2	4755.7	5206.1	5615.1	5988.8	6329.6	6628.0	6881.5
20°	2676.3	3256.7	3845.0	4405.3	4901.5	5349.1	5754.9	6127.9	6459.6	6748.5	7000.8
17.5°	2779.2	3374.1	3968.4	4524.8	5021.5	5471.1	5878.7	6252.8	6576.6	6857.2	7103.9
15°	2869.2	3476.7	4076.4	4629.5	5124.6	5572.5	5980.0	6350.2	6671.7	6950.0	7194.9
12.5°	2945.8	3564.2	4168.4	4718.9	5212.8	5659.3	6066.9	6431.9	6748.0	7022.7	7262.4
10°	3008.8	3636.2	4244.3	4792.5	5285.5	5731.0	6138.7	6499.6	6811.3	7083.1	7318.6
7.5°	3058.1	3692.5	4303.6	4850.2	5342.5	5787.1	6195.1	6552.8	6861.1	7130.7	7362.9
5°	3093.4	3732.8	4346.2	4891.6	5383.4	5827.5	6235.6	6591.0	6896.9	7165.0	7395.0
2.5°	3114.6	3757.1	4371.8	4916.5	5408.0	5851.8	6260.0	6614.1	6918.6	7185.8	7414.3
0°	3121.7	3765.2	4380.3	4924.8	5416.2	5859.9	6268.2	6621.8	6925.8	7192.7	7420.8
-2.5°	3114.6	3757.1	4371.8	4916.5	5408.0	5851.8	6260.0	6614.1	6918.6	7185.8	7414.3
-5°	3093.4	3732.8	4346.2	4891.6	5383.4	5827.5	6235.6	6591.0	6896.9	7165.0	7395.0
-7.5°	3058.1	3692.5	4303.6	4850.2	5342.5	5787.1	6195.1	6552.8	6861.1	7130.7	7362.9
-10°	3008.8	3636.2	4244.3	4792.5	5285.5	5731.0	6138.7	6499.6	6811.3	7083.1	7318.6
-12.5°	2945.8	3564.2	4168.4	4718.9	5212.8	5659.3	6066.9	6431.9	6748.0	7022.7	7262.4
-15°	2869.2	3476.7	4076.4	4629.5	5124.6	5572.5	5980.0	6350.2	6671.7	6950.0	7194.9
-17.5°	2779.2	3374.1	3968.4	4524.8	5021.5	5471.1	5878.7	6252.8	6576.6	6857.2	7103.9
-20°	2676.3	3256.7	3845.0	4405.3	4901.5	5349.1	5754.9	6127.9	6459.6	6748.5	7000.8



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 CATALOG NUMBER: GFLD-SA5B-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°	2560.6	3124.9	3704.0	4257.2	4755.7	5206.1	5615.1	5988.8	6329.6	6628.0	6881.5
-25°	2441.6	2983.5	3544.1	4090.3	4594.9	5048.8	5461.5	5834.3	6174.8	6476.0	6740.2
-27.5°	2321.1	2829.1	3369.6	3908.4	4420.0	4872.8	5281.9	5654.9	5997.4	6311.2	6583.0
-30°	2190.6	2662.2	3181.1	3709.6	4212.2	4669.1	5083.7	5462.6	5803.1	6114.8	6395.2
-32.5°	2050.5	2485.2	2983.5	3489.9	3984.7	4451.8	4867.2	5241.3	5584.6	5900.1	6186.2
-35°	1914.7	2321.1	2775.3	3256.7	3742.5	4201.2	4620.2	5002.7	5347.9	5658.7	5946.8
-37.5°	1792.5	2147.5	2555.4	3013.9	3476.7	3927.8	4358.3	4734.0	5081.5	5401.8	5683.6
-40°	1663.8	1964.9	2348.4	2763.4	3198.1	3636.2	4052.3	4445.2	4791.4	5108.0	5401.8
-42.5°	1531.6	1816.1	2140.3	2501.9	2914.1	3324.7	3732.8	4115.0	4473.4	4791.4	5081.5
-45°	1414.3	1662.1	1932.0	2267.2	2621.7	3005.4	3388.4	3765.2	4115.0	4445.2	4734.0
-47.5°	1292.3	1509.3	1758.4	2024.7	2344.0	2682.0	3036.0	3388.4	3732.8	4052.3	4358.3
-50°	1172.8	1371.4	1579.0	1816.6	2075.5	2369.7	2682.0	3005.4	3324.7	3636.2	3927.8
-52.5°	1069.8	1229.1	1419.2	1617.6	1836.1	2075.5	2344.0	2621.7	2914.1	3198.1	3476.7
-55°	963.7	1107.1	1260.8	1435.2	1617.6	1816.6	2024.7	2267.2	2501.9	2763.4	3013.9
-57.5°	871.5	988.5	1119.5	1260.8	1419.2	1579.0	1758.4	1932.0	2140.3	2348.4	2555.4
-60°	786.7	880.9	988.5	1107.1	1229.1	1371.4	1509.3	1662.1	1816.1	1964.9	2147.5
-62.5°	702.0	786.7	871.5	963.7	1069.8	1172.8	1292.3	1414.3	1531.6	1663.8	1792.5
-65°	624.2	693.8	768.0	843.4	916.9	1008.1	1098.7	1186.2	1289.3	1391.1	1488.2
-67.5°	545.2	607.9	669.3	730.9	797.0	861.1	923.1	1001.2	1076.6	1148.8	1222.6
-70°	461.7	520.3	575.4	628.7	680.4	732.6	787.6	840.7	891.6	945.2	1006.1
-72.5°	376.5	427.8	478.0	526.9	572.4	616.3	658.7	699.5	741.7	784.1	824.5
-75°	294.9	334.9	377.5	419.4	460.0	499.5	537.3	572.2	605.7	637.6	668.0
-77.5°	215.9	249.3	281.9	313.6	344.9	377.7	409.4	439.9	469.1	496.9	523.4
-80°	145.1	163.5	189.1	214.5	239.2	263.0	286.0	308.1	329.3	350.5	371.7
-82.5°	90.1	103.9	117.4	130.4	143.1	155.4	168.5	185.1	201.0	216.1	230.5
-85°	40.8	44.2	53.1	61.8	70.2	78.4	86.3	93.9	101.1	108.1	114.6
-87.5°	20.4	22.1	23.7	25.3	26.9	28.4	29.9	31.2	32.6	33.9	35.1
-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: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	36.2	37.3	38.3	39.2	40.1	40.8	41.5	42.2	42.7	43.2	43.5
85°	120.8	126.7	132.1	137.2	141.8	146.1	149.9	153.2	156.2	158.7	160.7
82.5°	244.0	256.8	268.7	279.8	290.0	299.2	307.6	315.0	321.4	326.9	331.4
80°	391.6	410.4	428.0	444.3	459.2	472.9	485.2	496.1	505.6	513.6	520.3
77.5°	547.7	570.2	591.2	610.7	628.6	644.9	659.7	672.7	684.1	693.8	701.7
75°	696.8	724.9	753.7	780.3	804.9	827.2	847.4	865.3	880.9	894.2	905.0
72.5°	862.8	898.8	934.9	976.0	1013.8	1048.3	1079.4	1107.1	1131.1	1151.6	1168.4
70°	1063.7	1118.0	1168.8	1220.7	1275.8	1326.1	1371.4	1411.6	1446.7	1476.6	1501.1
67.5°	1305.1	1382.8	1455.5	1523.2	1593.8	1662.1	1723.8	1778.6	1826.4	1867.1	1900.6
65°	1587.3	1691.4	1789.1	1880.0	1964.9	2064.1	2153.6	2233.2	2302.8	2361.9	2410.6
62.5°	1914.7	2050.5	2190.6	2321.1	2441.6	2560.6	2676.3	2779.2	2869.2	2945.8	3008.8
60°	2321.1	2485.2	2662.2	2829.1	2983.5	3124.9	3256.7	3374.1	3476.7	3564.2	3636.2
57.5°	2775.3	2983.5	3181.1	3369.6	3544.1	3704.0	3845.0	3968.4	4076.4	4168.4	4244.3
55°	3256.7	3489.9	3709.6	3908.4	4090.3	4257.2	4405.3	4524.8	4629.5	4718.9	4792.5
52.5°	3742.5	3984.7	4212.2	4420.0	4594.9	4755.7	4901.5	5021.5	5124.6	5212.8	5285.5
50°	4201.2	4451.8	4669.1	4872.8	5048.8	5206.1	5349.1	5471.1	5572.5	5659.3	5731.0
47.5°	4620.2	4867.2	5083.7	5281.9	5461.5	5615.1	5754.9	5878.7	5980.0	6066.9	6138.7
45°	5002.7	5241.3	5462.6	5654.9	5834.3	5988.8	6127.9	6252.8	6350.2	6431.9	6499.6
42.5°	5347.9	5584.6	5803.1	5997.4	6174.8	6329.6	6459.6	6576.6	6671.7	6748.0	6811.3
40°	5658.7	5900.1	6114.8	6311.2	6476.0	6628.0	6748.5	6857.2	6950.0	7022.7	7083.1
37.5°	5946.8	6186.2	6395.2	6583.0	6740.2	6881.5	7000.8	7103.9	7194.9	7262.4	7318.6
35°	6210.2	6437.7	6644.5	6816.6	6972.4	7105.4	7223.0	7318.1	7402.7	7467.0	7518.2
32.5°	6437.7	6663.3	6855.2	7024.6	7176.8	7301.0	7413.7	7500.8	7577.6	7639.4	7687.0
30°	6644.5	6855.2	7042.2	7210.1	7348.7	7469.7	7571.1	7656.2	7727.1	7786.1	7827.9
27.5°	6816.6	7024.6	7210.1	7364.8	7497.5	7613.9	7706.8	7788.7	7850.6	7904.9	7940.9
25°	6972.4	7176.8	7348.7	7497.5	7626.3	7732.6	7821.0	7895.2	7950.0	7996.5	8023.3
22.5°	7105.4	7301.0	7469.7	7613.9	7732.6	7831.9	7915.2	7978.0	8022.9	8051.1	8066.9
20°	7223.0	7413.7	7571.1	7706.8	7821.0	7915.2	7987.5	8033.9	8065.2	8073.0	8077.5
17.5°	7318.1	7500.8	7656.2	7788.7	7895.2	7978.0	8033.9	8066.7	8076.1	8074.4	8069.8
15°	7402.7	7577.6	7727.1	7850.6	7950.0	8022.9	8065.2	8076.1	8073.3	8063.9	8049.3
12.5°	7467.0	7639.4	7786.1	7904.9	7996.5	8051.1	8073.0	8074.4	8063.9	8045.8	8025.1
10°	7518.2	7687.0	7827.9	7940.9	8023.3	8066.9	8077.5	8069.8	8049.3	8025.1	8002.2
7.5°	7558.7	7724.8	7861.2	7969.6	8040.9	8071.8	8074.1	8059.5	8034.9	8007.5	7982.7
5°	7588.0	7752.1	7885.5	7990.5	8053.7	8075.4	8071.6	8051.4	8023.0	7994.3	7971.6
2.5°	7605.8	7768.7	7900.2	8003.3	8061.6	8077.6	8070.0	8046.4	8015.5	7985.8	7964.3
0°	7611.7	7774.3	7905.1	8007.6	8064.2	8078.3	8069.5	8044.7	8012.9	7982.9	7961.7
-2.5°	7605.8	7768.7	7900.2	8003.3	8061.6	8077.6	8070.0	8046.4	8015.5	7985.8	7964.3
-5°	7588.0	7752.1	7885.5	7990.5	8053.7	8075.4	8071.6	8051.4	8023.0	7994.3	7971.6
-7.5°	7558.7	7724.8	7861.2	7969.6	8040.9	8071.8	8074.1	8059.5	8034.9	8007.5	7982.7
-10°	7518.2	7687.0	7827.9	7940.9	8023.3	8066.9	8077.5	8069.8	8049.3	8025.1	8002.2
-12.5°	7467.0	7639.4	7786.1	7904.9	7996.5	8051.1	8073.0	8074.4	8063.9	8045.8	8025.1
-15°	7402.7	7577.6	7727.1	7850.6	7950.0	8022.9	8065.2	8076.1	8073.3	8063.9	8049.3
-17.5°	7318.1	7500.8	7656.2	7788.7	7895.2	7978.0	8033.9	8066.7	8076.1	8074.4	8069.8
-20°	7223.0	7413.7	7571.1	7706.8	7821.0	7915.2	7987.5	8033.9	8065.2	8073.0	8077.5



REPORT NUMBER: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	7105.4	7301.0	7469.7	7613.9	7732.6	7831.9	7915.2	7978.0	8022.9	8051.1	8066.9
-25°	6972.4	7176.8	7348.7	7497.5	7626.3	7732.6	7821.0	7895.2	7950.0	7996.5	8023.3
-27.5°	6816.6	7024.6	7210.1	7364.8	7497.5	7613.9	7706.8	7788.7	7850.6	7904.9	7940.9
-30°	6644.5	6855.2	7042.2	7210.1	7348.7	7469.7	7571.1	7656.2	7727.1	7786.1	7827.9
-32.5°	6437.7	6663.3	6855.2	7024.6	7176.8	7301.0	7413.7	7500.8	7577.6	7639.4	7687.0
-35°	6210.2	6437.7	6644.5	6816.6	6972.4	7105.4	7223.0	7318.1	7402.7	7467.0	7518.2
-37.5°	5946.8	6186.2	6395.2	6583.0	6740.2	6881.5	7000.8	7103.9	7194.9	7262.4	7318.6
-40°	5658.7	5900.1	6114.8	6311.2	6476.0	6628.0	6748.5	6857.2	6950.0	7022.7	7083.1
-42.5°	5347.9	5584.6	5803.1	5997.4	6174.8	6329.6	6459.6	6576.6	6671.7	6748.0	6811.3
-45°	5002.7	5241.3	5462.6	5654.9	5834.3	5988.8	6127.9	6252.8	6350.2	6431.9	6499.6
-47.5°	4620.2	4867.2	5083.7	5281.9	5461.5	5615.1	5754.9	5878.7	5980.0	6066.9	6138.7
-50°	4201.2	4451.8	4669.1	4872.8	5048.8	5206.1	5349.1	5471.1	5572.5	5659.3	5731.0
-52.5°	3742.5	3984.7	4212.2	4420.0	4594.9	4755.7	4901.5	5021.5	5124.6	5212.8	5285.5
-55°	3256.7	3489.9	3709.6	3908.4	4090.3	4257.2	4405.3	4524.8	4629.5	4718.9	4792.5
-57.5°	2775.3	2983.5	3181.1	3369.6	3544.1	3704.0	3845.0	3968.4	4076.4	4168.4	4244.3
-60°	2321.1	2485.2	2662.2	2829.1	2983.5	3124.9	3256.7	3374.1	3476.7	3564.2	3636.2
-62.5°	1914.7	2050.5	2190.6	2321.1	2441.6	2560.6	2676.3	2779.2	2869.2	2945.8	3008.8
-65°	1587.3	1691.4	1789.1	1880.0	1964.9	2064.1	2153.6	2233.2	2302.8	2361.9	2410.6
-67.5°	1305.1	1382.8	1455.5	1523.2	1593.8	1662.1	1723.8	1778.6	1826.4	1867.1	1900.6
-70°	1063.7	1118.0	1168.8	1220.7	1275.8	1326.1	1371.4	1411.6	1446.7	1476.6	1501.1
-72.5°	862.8	898.8	934.9	976.0	1013.8	1048.3	1079.4	1107.1	1131.1	1151.6	1168.4
-75°	696.8	724.9	753.7	780.3	804.9	827.2	847.4	865.3	880.9	894.2	905.0
-77.5°	547.7	570.2	591.2	610.7	628.6	644.9	659.7	672.7	684.1	693.8	701.7
-80°	391.6	410.4	428.0	444.3	459.2	472.9	485.2	496.1	505.6	513.6	520.3
-82.5°	244.0	256.8	268.7	279.8	290.0	299.2	307.6	315.0	321.4	326.9	331.4
-85°	120.8	126.7	132.1	137.2	141.8	146.1	149.9	153.2	156.2	158.7	160.7
-87.5°	36.2	37.3	38.3	39.2	40.1	40.8	41.5	42.2	42.7	43.2	43.5
-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: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	43.8	44.0	44.2	44.2	44.2	44.0	43.8	43.5	43.2	42.7	42.2
85°	162.3	163.5	164.2	164.4	164.2	163.5	162.3	160.7	158.7	156.2	153.2
82.5°	334.9	337.4	338.9	339.4	338.9	337.4	334.9	331.4	326.9	321.4	315.0
80°	525.4	529.1	531.4	532.1	531.4	529.1	525.4	520.3	513.6	505.6	496.1
77.5°	707.9	712.3	715.0	715.9	715.0	712.3	707.9	701.7	693.8	684.1	672.7
75°	913.5	919.6	923.3	924.5	923.3	919.6	913.5	905.0	894.2	880.9	865.3
72.5°	1181.6	1191.0	1196.6	1198.5	1196.6	1191.0	1181.6	1168.4	1151.6	1131.1	1107.1
70°	1520.3	1534.0	1542.2	1545.0	1542.2	1534.0	1520.3	1501.1	1476.6	1446.7	1411.6
67.5°	1926.7	1945.4	1956.6	1960.4	1956.6	1945.4	1926.7	1900.6	1867.1	1826.4	1778.6
65°	2448.6	2475.9	2492.2	2497.7	2492.2	2475.9	2448.6	2410.6	2361.9	2302.8	2233.2
62.5°	3058.1	3093.4	3114.6	3121.7	3114.6	3093.4	3058.1	3008.8	2945.8	2869.2	2779.2
60°	3692.5	3732.8	3757.1	3765.2	3757.1	3732.8	3692.5	3636.2	3564.2	3476.7	3374.1
57.5°	4303.6	4346.2	4371.8	4380.3	4371.8	4346.2	4303.6	4244.3	4168.4	4076.4	3968.4
55°	4850.2	4891.6	4916.5	4924.8	4916.5	4891.6	4850.2	4792.5	4718.9	4629.5	4524.8
52.5°	5342.5	5383.4	5408.0	5416.2	5408.0	5383.4	5342.5	5285.5	5212.8	5124.6	5021.5
50°	5787.1	5827.5	5851.8	5859.9	5851.8	5827.5	5787.1	5731.0	5659.3	5572.5	5471.1
47.5°	6195.1	6235.6	6260.0	6268.2	6260.0	6235.6	6195.1	6138.7	6066.9	5980.0	5878.7
45°	6552.8	6591.0	6614.1	6621.8	6614.1	6591.0	6552.8	6499.6	6431.9	6350.2	6252.8
42.5°	6861.1	6896.9	6918.6	6925.8	6918.6	6896.9	6861.1	6811.3	6748.0	6671.7	6576.6
40°	7130.7	7165.0	7185.8	7192.7	7185.8	7165.0	7130.7	7083.1	7022.7	6950.0	6857.2
37.5°	7362.9	7395.0	7414.3	7420.8	7414.3	7395.0	7362.9	7318.6	7262.4	7194.9	7103.9
35°	7558.7	7588.0	7605.8	7611.7	7605.8	7588.0	7558.7	7518.2	7467.0	7402.7	7318.1
32.5°	7724.8	7752.1	7768.7	7774.3	7768.7	7752.1	7724.8	7687.0	7639.4	7577.6	7500.8
30°	7861.2	7885.5	7900.2	7905.1	7900.2	7885.5	7861.2	7827.9	7786.1	7727.1	7656.2
27.5°	7969.6	7990.5	8003.3	8007.6	8003.3	7990.5	7969.6	7940.9	7904.9	7850.6	7788.7
25°	8040.9	8053.7	8061.6	8064.2	8061.6	8053.7	8040.9	8023.3	7996.5	7950.0	7895.2
22.5°	8071.8	8075.4	8077.6	8078.3	8077.6	8075.4	8071.8	8066.9	8051.1	8022.9	7978.0
20°	8074.1	8071.6	8070.0	8069.5	8070.0	8071.6	8074.1	8077.5	8073.0	8065.2	8033.9
17.5°	8059.5	8051.4	8046.4	8044.7	8046.4	8051.4	8059.5	8069.8	8074.4	8076.1	8066.7
15°	8034.9	8023.0	8015.5	8012.9	8015.5	8023.0	8034.9	8049.3	8063.9	8073.3	8076.1
12.5°	8007.5	7994.3	7985.8	7982.9	7985.8	7994.3	8007.5	8025.1	8045.8	8063.9	8074.4
10°	7982.7	7971.6	7964.3	7961.7	7964.3	7971.6	7982.7	8002.2	8025.1	8049.3	8069.8
7.5°	7966.7	7956.8	7951.3	7949.3	7951.3	7956.8	7966.7	7982.7	8007.5	8034.9	8059.5
5°	7956.8	7946.9	7938.5	7935.2	7938.5	7946.9	7956.8	7971.6	7994.3	8023.0	8051.4
2.5°	7951.3	7938.5	7925.8	7919.2	7925.8	7938.5	7951.3	7964.3	7985.8	8015.5	8046.4
0°	7949.3	7935.2	7919.2	7921.0	7919.2	7935.2	7949.3	7961.7	7982.9	8012.9	8044.7
-2.5°	7951.3	7938.5	7925.8	7919.2	7925.8	7938.5	7951.3	7964.3	7985.8	8015.5	8046.4
-5°	7956.8	7946.9	7938.5	7935.2	7938.5	7946.9	7956.8	7971.6	7994.3	8023.0	8051.4
-7.5°	7966.7	7956.8	7951.3	7949.3	7951.3	7956.8	7966.7	7982.7	8007.5	8034.9	8059.5
-10°	7982.7	7971.6	7964.3	7961.7	7964.3	7971.6	7982.7	8002.2	8025.1	8049.3	8069.8
-12.5°	8007.5	7994.3	7985.8	7982.9	7985.8	7994.3	8007.5	8025.1	8045.8	8063.9	8074.4
-15°	8034.9	8023.0	8015.5	8012.9	8015.5	8023.0	8034.9	8049.3	8063.9	8073.3	8076.1
-17.5°	8059.5	8051.4	8046.4	8044.7	8046.4	8051.4	8059.5	8069.8	8074.4	8076.1	8066.7
-20°	8074.1	8071.6	8070.0	8069.5	8070.0	8071.6	8074.1	8077.5	8073.0	8065.2	8033.9

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-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°	8071.8	8075.4	8077.6	8078.3	8077.6	8075.4	8071.8	8066.9	8051.1	8022.9	7978.0
-25°	8040.9	8053.7	8061.6	8064.2	8061.6	8053.7	8040.9	8023.3	7996.5	7950.0	7895.2
-27.5°	7969.6	7990.5	8003.3	8007.6	8003.3	7990.5	7969.6	7940.9	7904.9	7850.6	7788.7
-30°	7861.2	7885.5	7900.2	7905.1	7900.2	7885.5	7861.2	7827.9	7786.1	7727.1	7656.2
-32.5°	7724.8	7752.1	7768.7	7774.3	7768.7	7752.1	7724.8	7687.0	7639.4	7577.6	7500.8
-35°	7558.7	7588.0	7605.8	7611.7	7605.8	7588.0	7558.7	7518.2	7467.0	7402.7	7318.1
-37.5°	7362.9	7395.0	7414.3	7420.8	7414.3	7395.0	7362.9	7318.6	7262.4	7194.9	7103.9
-40°	7130.7	7165.0	7185.8	7192.7	7185.8	7165.0	7130.7	7083.1	7022.7	6950.0	6857.2
-42.5°	6861.1	6896.9	6918.6	6925.8	6918.6	6896.9	6861.1	6811.3	6748.0	6671.7	6576.6
-45°	6552.8	6591.0	6614.1	6621.8	6614.1	6591.0	6552.8	6499.6	6431.9	6350.2	6252.8
-47.5°	6195.1	6235.6	6260.0	6268.2	6260.0	6235.6	6195.1	6138.7	6066.9	5980.0	5878.7
-50°	5787.1	5827.5	5851.8	5859.9	5851.8	5827.5	5787.1	5731.0	5659.3	5572.5	5471.1
-52.5°	5342.5	5383.4	5408.0	5416.2	5408.0	5383.4	5342.5	5285.5	5212.8	5124.6	5021.5
-55°	4850.2	4891.6	4916.5	4924.8	4916.5	4891.6	4850.2	4792.5	4718.9	4629.5	4524.8
-57.5°	4303.6	4346.2	4371.8	4380.3	4371.8	4346.2	4303.6	4244.3	4168.4	4076.4	3968.4
-60°	3692.5	3732.8	3757.1	3765.2	3757.1	3732.8	3692.5	3636.2	3564.2	3476.7	3374.1
-62.5°	3058.1	3093.4	3114.6	3121.7	3114.6	3093.4	3058.1	3008.8	2945.8	2869.2	2779.2
-65°	2448.6	2475.9	2492.2	2497.7	2492.2	2475.9	2448.6	2410.6	2361.9	2302.8	2233.2
-67.5°	1926.7	1945.4	1956.6	1960.4	1956.6	1945.4	1926.7	1900.6	1867.1	1826.4	1778.6
-70°	1520.3	1534.0	1542.2	1545.0	1542.2	1534.0	1520.3	1501.1	1476.6	1446.7	1411.6
-72.5°	1181.6	1191.0	1196.6	1198.5	1196.6	1191.0	1181.6	1168.4	1151.6	1131.1	1107.1
-75°	913.5	919.6	923.3	924.5	923.3	919.6	913.5	905.0	894.2	880.9	865.3
-77.5°	707.9	712.3	715.0	715.9	715.0	712.3	707.9	701.7	693.8	684.1	672.7
-80°	525.4	529.1	531.4	532.1	531.4	529.1	525.4	520.3	513.6	505.6	496.1
-82.5°	334.9	337.4	338.9	339.4	338.9	337.4	334.9	331.4	326.9	321.4	315.0
-85°	162.3	163.5	164.2	164.4	164.2	163.5	162.3	160.7	158.7	156.2	153.2
-87.5°	43.8	44.0	44.2	44.2	44.2	44.0	43.8	43.5	43.2	42.7	42.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	41.5	40.8	40.1	39.2	38.3	37.3	36.2	35.1	33.9	32.6	31.2
85°	149.9	146.1	141.8	137.2	132.1	126.7	120.8	114.6	108.1	101.1	93.9
82.5°	307.6	299.2	290.0	279.8	268.7	256.8	244.0	230.5	216.1	201.0	185.1
80°	485.2	472.9	459.2	444.3	428.0	410.4	391.6	371.7	350.5	329.3	308.1
77.5°	659.7	644.9	628.6	610.7	591.2	570.2	547.7	523.4	496.9	469.1	439.9
75°	847.4	827.2	804.9	780.3	753.7	724.9	696.8	668.0	637.6	605.7	572.2
72.5°	1079.4	1048.3	1013.8	976.0	934.9	898.8	862.8	824.5	784.1	741.7	699.5
70°	1371.4	1326.1	1275.8	1220.7	1168.8	1118.0	1063.7	1006.1	945.2	891.6	840.7
67.5°	1723.8	1662.1	1593.8	1523.2	1455.5	1382.8	1305.1	1222.6	1148.8	1076.6	1001.2
65°	2153.6	2064.1	1964.9	1880.0	1789.1	1691.4	1587.3	1488.2	1391.1	1289.3	1186.2
62.5°	2676.3	2560.6	2441.6	2321.1	2190.6	2050.5	1914.7	1792.5	1663.8	1531.6	1414.3
60°	3256.7	3124.9	2983.5	2829.1	2662.2	2485.2	2321.1	2147.5	1964.9	1816.1	1662.1
57.5°	3845.0	3704.0	3544.1	3369.6	3181.1	2983.5	2775.3	2555.4	2348.4	2140.3	1932.0
55°	4405.3	4257.2	4090.3	3908.4	3709.6	3489.9	3256.7	3013.9	2763.4	2501.9	2267.2
52.5°	4901.5	4755.7	4594.9	4420.0	4212.2	3984.7	3742.5	3476.7	3198.1	2914.1	2621.7
50°	5349.1	5206.1	5048.8	4872.8	4669.1	4451.8	4201.2	3927.8	3636.2	3324.7	3005.4
47.5°	5754.9	5615.1	5461.5	5281.9	5083.7	4867.2	4620.2	4358.3	4052.3	3732.8	3388.4
45°	6127.9	5988.8	5834.3	5654.9	5462.6	5241.3	5002.7	4734.0	4445.2	4115.0	3765.2
42.5°	6459.6	6329.6	6174.8	5997.4	5803.1	5584.6	5347.9	5081.5	4791.4	4473.4	4115.0
40°	6748.5	6628.0	6476.0	6311.2	6114.8	5900.1	5658.7	5401.8	5108.0	4791.4	4445.2
37.5°	7000.8	6881.5	6740.2	6583.0	6395.2	6186.2	5946.8	5683.6	5401.8	5081.5	4734.0
35°	7223.0	7105.4	6972.4	6816.6	6644.5	6437.7	6210.2	5946.8	5658.7	5347.9	5002.7
32.5°	7413.7	7301.0	7176.8	7024.6	6855.2	6663.3	6437.7	6186.2	5900.1	5584.6	5241.3
30°	7571.1	7469.7	7348.7	7210.1	7042.2	6855.2	6644.5	6395.2	6114.8	5803.1	5462.6
27.5°	7706.8	7613.9	7497.5	7364.8	7210.1	7024.6	6816.6	6583.0	6311.2	5997.4	5654.9
25°	7821.0	7732.6	7626.3	7497.5	7348.7	7176.8	6972.4	6740.2	6476.0	6174.8	5834.3
22.5°	7915.2	7831.9	7732.6	7613.9	7469.7	7301.0	7105.4	6881.5	6628.0	6329.6	5988.8
20°	7987.5	7915.2	7821.0	7706.8	7571.1	7413.7	7223.0	7000.8	6748.5	6459.6	6127.9
17.5°	8033.9	7978.0	7895.2	7788.7	7656.2	7500.8	7318.1	7103.9	6857.2	6576.6	6252.8
15°	8065.2	8022.9	7950.0	7850.6	7727.1	7577.6	7402.7	7194.9	6950.0	6671.7	6350.2
12.5°	8073.0	8051.1	7996.5	7904.9	7786.1	7639.4	7467.0	7262.4	7022.7	6748.0	6431.9
10°	8077.5	8066.9	8023.3	7940.9	7827.9	7687.0	7518.2	7318.6	7083.1	6811.3	6499.6
7.5°	8074.1	8071.8	8040.9	7969.6	7861.2	7724.8	7558.7	7362.9	7130.7	6861.1	6552.8
5°	8071.6	8075.4	8053.7	7990.5	7885.5	7752.1	7588.0	7395.0	7165.0	6896.9	6591.0
2.5°	8070.0	8077.6	8061.6	8003.3	7900.2	7768.7	7605.8	7414.3	7185.8	6918.6	6614.1
0°	8069.5	8078.3	8064.2	8007.6	7905.1	7774.3	7611.7	7420.8	7192.7	6925.8	6621.8
-2.5°	8070.0	8077.6	8061.6	8003.3	7900.2	7768.7	7605.8	7414.3	7185.8	6918.6	6614.1
-5°	8071.6	8075.4	8053.7	7990.5	7885.5	7752.1	7588.0	7395.0	7165.0	6896.9	6591.0
-7.5°	8074.1	8071.8	8040.9	7969.6	7861.2	7724.8	7558.7	7362.9	7130.7	6861.1	6552.8
-10°	8077.5	8066.9	8023.3	7940.9	7827.9	7687.0	7518.2	7318.6	7083.1	6811.3	6499.6
-12.5°	8073.0	8051.1	7996.5	7904.9	7786.1	7639.4	7467.0	7262.4	7022.7	6748.0	6431.9
-15°	8065.2	8022.9	7950.0	7850.6	7727.1	7577.6	7402.7	7194.9	6950.0	6671.7	6350.2
-17.5°	8033.9	7978.0	7895.2	7788.7	7656.2	7500.8	7318.1	7103.9	6857.2	6576.6	6252.8
-20°	7987.5	7915.2	7821.0	7706.8	7571.1	7413.7	7223.0	7000.8	6748.5	6459.6	6127.9

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REPORT NUMBER: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-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°	7915.2	7831.9	7732.6	7613.9	7469.7	7301.0	7105.4	6881.5	6628.0	6329.6	5988.8
-25°	7821.0	7732.6	7626.3	7497.5	7348.7	7176.8	6972.4	6740.2	6476.0	6174.8	5834.3
-27.5°	7706.8	7613.9	7497.5	7364.8	7210.1	7024.6	6816.6	6583.0	6311.2	5997.4	5654.9
-30°	7571.1	7469.7	7348.7	7210.1	7042.2	6855.2	6644.5	6395.2	6114.8	5803.1	5462.6
-32.5°	7413.7	7301.0	7176.8	7024.6	6855.2	6663.3	6437.7	6186.2	5900.1	5584.6	5241.3
-35°	7223.0	7105.4	6972.4	6816.6	6644.5	6437.7	6210.2	5946.8	5658.7	5347.9	5002.7
-37.5°	7000.8	6881.5	6740.2	6583.0	6395.2	6186.2	5946.8	5683.6	5401.8	5081.5	4734.0
-40°	6748.5	6628.0	6476.0	6311.2	6114.8	5900.1	5658.7	5401.8	5108.0	4791.4	4445.2
-42.5°	6459.6	6329.6	6174.8	5997.4	5803.1	5584.6	5347.9	5081.5	4791.4	4473.4	4115.0
-45°	6127.9	5988.8	5834.3	5654.9	5462.6	5241.3	5002.7	4734.0	4445.2	4115.0	3765.2
-47.5°	5754.9	5615.1	5461.5	5281.9	5083.7	4867.2	4620.2	4358.3	4052.3	3732.8	3388.4
-50°	5349.1	5206.1	5048.8	4872.8	4669.1	4451.8	4201.2	3927.8	3636.2	3324.7	3005.4
-52.5°	4901.5	4755.7	4594.9	4420.0	4212.2	3984.7	3742.5	3476.7	3198.1	2914.1	2621.7
-55°	4405.3	4257.2	4090.3	3908.4	3709.6	3489.9	3256.7	3013.9	2763.4	2501.9	2267.2
-57.5°	3845.0	3704.0	3544.1	3369.6	3181.1	2983.5	2775.3	2555.4	2348.4	2140.3	1932.0
-60°	3256.7	3124.9	2983.5	2829.1	2662.2	2485.2	2321.1	2147.5	1964.9	1816.1	1662.1
-62.5°	2676.3	2560.6	2441.6	2321.1	2190.6	2050.5	1914.7	1792.5	1663.8	1531.6	1414.3
-65°	2153.6	2064.1	1964.9	1880.0	1789.1	1691.4	1587.3	1488.2	1391.1	1289.3	1186.2
-67.5°	1723.8	1662.1	1593.8	1523.2	1455.5	1382.8	1305.1	1222.6	1148.8	1076.6	1001.2
-70°	1371.4	1326.1	1275.8	1220.7	1168.8	1118.0	1063.7	1006.1	945.2	891.6	840.7
-72.5°	1079.4	1048.3	1013.8	976.0	934.9	898.8	862.8	824.5	784.1	741.7	699.5
-75°	847.4	827.2	804.9	780.3	753.7	724.9	696.8	668.0	637.6	605.7	572.2
-77.5°	659.7	644.9	628.6	610.7	591.2	570.2	547.7	523.4	496.9	469.1	439.9
-80°	485.2	472.9	459.2	444.3	428.0	410.4	391.6	371.7	350.5	329.3	308.1
-82.5°	307.6	299.2	290.0	279.8	268.7	256.8	244.0	230.5	216.1	201.0	185.1
-85°	149.9	146.1	141.8	137.2	132.1	126.7	120.8	114.6	108.1	101.1	93.9
-87.5°	41.5	40.8	40.1	39.2	38.3	37.3	36.2	35.1	33.9	32.6	31.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	29.9	28.4	26.9	25.3	23.7	22.1	20.4	18.7	16.9	15.1	13.3
85°	86.3	78.4	70.2	61.8	53.1	44.2	40.8	37.3	33.8	30.2	26.6
82.5°	168.5	155.4	143.1	130.4	117.4	103.9	90.1	76.0	61.7	47.0	39.8
80°	286.0	263.0	239.2	214.5	189.1	163.5	145.1	126.3	107.2	87.7	67.9
77.5°	409.4	377.7	344.9	313.6	281.9	249.3	215.9	181.8	152.4	128.1	103.4
75°	537.3	499.5	460.0	419.4	377.5	334.9	294.9	254.0	212.3	169.9	138.6
72.5°	658.7	616.3	572.4	526.9	478.0	427.8	376.5	325.5	277.0	227.6	177.6
70°	787.6	732.6	680.4	628.7	575.4	520.3	461.7	401.9	341.0	284.6	227.6
67.5°	923.1	861.1	797.0	730.9	669.3	607.9	545.2	478.7	410.4	341.0	277.0
65°	1098.7	1008.1	916.9	843.4	768.0	693.8	624.2	553.3	478.7	401.9	325.5
62.5°	1292.3	1172.8	1069.8	963.7	871.5	786.7	702.0	624.2	545.2	461.7	376.5
60°	1509.3	1371.4	1229.1	1107.1	988.5	880.9	786.7	693.8	607.9	520.3	427.8
57.5°	1758.4	1579.0	1419.2	1260.8	1119.5	988.5	871.5	768.0	669.3	575.4	478.0
55°	2024.7	1816.6	1617.6	1435.2	1260.8	1107.1	963.7	843.4	730.9	628.7	526.9
52.5°	2344.0	2075.5	1836.1	1617.6	1419.2	1229.1	1069.8	916.9	797.0	680.4	572.4
50°	2682.0	2369.7	2075.5	1816.6	1579.0	1371.4	1172.8	1008.1	861.1	732.6	616.3
47.5°	3036.0	2682.0	2344.0	2024.7	1758.4	1509.3	1292.3	1098.7	923.1	787.6	658.7
45°	3388.4	3005.4	2621.7	2267.2	1932.0	1662.1	1414.3	1186.2	1001.2	840.7	699.5
42.5°	3732.8	3324.7	2914.1	2501.9	2140.3	1816.1	1531.6	1289.3	1076.6	891.6	741.7
40°	4052.3	3636.2	3198.1	2763.4	2348.4	1964.9	1663.8	1391.1	1148.8	945.2	784.1
37.5°	4358.3	3927.8	3476.7	3013.9	2555.4	2147.5	1792.5	1488.2	1222.6	1006.1	824.5
35°	4620.2	4201.2	3742.5	3256.7	2775.3	2321.1	1914.7	1587.3	1305.1	1063.7	862.8
32.5°	4867.2	4451.8	3984.7	3489.9	2983.5	2485.2	2050.5	1691.4	1382.8	1118.0	898.8
30°	5083.7	4669.1	4212.2	3709.6	3181.1	2662.2	2190.6	1789.1	1455.5	1168.8	934.9
27.5°	5281.9	4872.8	4420.0	3908.4	3369.6	2829.1	2321.1	1880.0	1523.2	1220.7	976.0
25°	5461.5	5048.8	4594.9	4090.3	3544.1	2983.5	2441.6	1964.9	1593.8	1275.8	1013.8
22.5°	5615.1	5206.1	4755.7	4257.2	3704.0	3124.9	2560.6	2064.1	1662.1	1326.1	1048.3
20°	5754.9	5349.1	4901.5	4405.3	3845.0	3256.7	2676.3	2153.6	1723.8	1371.4	1079.4
17.5°	5878.7	5471.1	5021.5	4524.8	3968.4	3374.1	2779.2	2233.2	1778.6	1411.6	1107.1
15°	5980.0	5572.5	5124.6	4629.5	4076.4	3476.7	2869.2	2302.8	1826.4	1446.7	1131.1
12.5°	6066.9	5659.3	5212.8	4718.9	4168.4	3564.2	2945.8	2361.9	1867.1	1476.6	1151.6
10°	6138.7	5731.0	5285.5	4792.5	4244.3	3636.2	3008.8	2410.6	1900.6	1501.1	1168.4
7.5°	6195.1	5787.1	5342.5	4850.2	4303.6	3692.5	3058.1	2448.6	1926.7	1520.3	1181.6
5°	6235.6	5827.5	5383.4	4891.6	4346.2	3732.8	3093.4	2475.9	1945.4	1534.0	1191.0
2.5°	6260.0	5851.8	5408.0	4916.5	4371.8	3757.1	3114.6	2492.2	1956.6	1542.2	1196.6
0°	6268.2	5859.9	5416.2	4924.8	4380.3	3765.2	3121.7	2497.7	1960.4	1545.0	1198.5
-2.5°	6260.0	5851.8	5408.0	4916.5	4371.8	3757.1	3114.6	2492.2	1956.6	1542.2	1196.6
-5°	6235.6	5827.5	5383.4	4891.6	4346.2	3732.8	3093.4	2475.9	1945.4	1534.0	1191.0
-7.5°	6195.1	5787.1	5342.5	4850.2	4303.6	3692.5	3058.1	2448.6	1926.7	1520.3	1181.6
-10°	6138.7	5731.0	5285.5	4792.5	4244.3	3636.2	3008.8	2410.6	1900.6	1501.1	1168.4
-12.5°	6066.9	5659.3	5212.8	4718.9	4168.4	3564.2	2945.8	2361.9	1867.1	1476.6	1151.6
-15°	5980.0	5572.5	5124.6	4629.5	4076.4	3476.7	2869.2	2302.8	1826.4	1446.7	1131.1
-17.5°	5878.7	5471.1	5021.5	4524.8	3968.4	3374.1	2779.2	2233.2	1778.6	1411.6	1107.1
-20°	5754.9	5349.1	4901.5	4405.3	3845.0	3256.7	2676.3	2153.6	1723.8	1371.4	1079.4

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

Scaled Data Report



REPORT NUMBER: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-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°	5615.1	5206.1	4755.7	4257.2	3704.0	3124.9	2560.6	2064.1	1662.1	1326.1	1048.3
-25°	5461.5	5048.8	4594.9	4090.3	3544.1	2983.5	2441.6	1964.9	1593.8	1275.8	1013.8
-27.5°	5281.9	4872.8	4420.0	3908.4	3369.6	2829.1	2321.1	1880.0	1523.2	1220.7	976.0
-30°	5083.7	4669.1	4212.2	3709.6	3181.1	2662.2	2190.6	1789.1	1455.5	1168.8	934.9
-32.5°	4867.2	4451.8	3984.7	3489.9	2983.5	2485.2	2050.5	1691.4	1382.8	1118.0	898.8
-35°	4620.2	4201.2	3742.5	3256.7	2775.3	2321.1	1914.7	1587.3	1305.1	1063.7	862.8
-37.5°	4358.3	3927.8	3476.7	3013.9	2555.4	2147.5	1792.5	1488.2	1222.6	1006.1	824.5
-40°	4052.3	3636.2	3198.1	2763.4	2348.4	1964.9	1663.8	1391.1	1148.8	945.2	784.1
-42.5°	3732.8	3324.7	2914.1	2501.9	2140.3	1816.1	1531.6	1289.3	1076.6	891.6	741.7
-45°	3388.4	3005.4	2621.7	2267.2	1932.0	1662.1	1414.3	1186.2	1001.2	840.7	699.5
-47.5°	3036.0	2682.0	2344.0	2024.7	1758.4	1509.3	1292.3	1098.7	923.1	787.6	658.7
-50°	2682.0	2369.7	2075.5	1816.6	1579.0	1371.4	1172.8	1008.1	861.1	732.6	616.3
-52.5°	2344.0	2075.5	1836.1	1617.6	1419.2	1229.1	1069.8	916.9	797.0	680.4	572.4
-55°	2024.7	1816.6	1617.6	1435.2	1260.8	1107.1	963.7	843.4	730.9	628.7	526.9
-57.5°	1758.4	1579.0	1419.2	1260.8	1119.5	988.5	871.5	768.0	669.3	575.4	478.0
-60°	1509.3	1371.4	1229.1	1107.1	988.5	880.9	786.7	693.8	607.9	520.3	427.8
-62.5°	1292.3	1172.8	1069.8	963.7	871.5	786.7	702.0	624.2	545.2	461.7	376.5
-65°	1098.7	1008.1	916.9	843.4	768.0	693.8	624.2	553.3	478.7	401.9	325.5
-67.5°	923.1	861.1	797.0	730.9	669.3	607.9	545.2	478.7	410.4	341.0	277.0
-70°	787.6	732.6	680.4	628.7	575.4	520.3	461.7	401.9	341.0	284.6	227.6
-72.5°	658.7	616.3	572.4	526.9	478.0	427.8	376.5	325.5	277.0	227.6	177.6
-75°	537.3	499.5	460.0	419.4	377.5	334.9	294.9	254.0	212.3	169.9	138.6
-77.5°	409.4	377.7	344.9	313.6	281.9	249.3	215.9	181.8	152.4	128.1	103.4
-80°	286.0	263.0	239.2	214.5	189.1	163.5	145.1	126.3	107.2	87.7	67.9
-82.5°	168.5	155.4	143.1	130.4	117.4	103.9	90.1	76.0	61.7	47.0	39.8
-85°	86.3	78.4	70.2	61.8	53.1	44.2	40.8	37.3	33.8	30.2	26.6
-87.5°	29.9	28.4	26.9	25.3	23.7	22.1	20.4	18.7	16.9	15.1	13.3
-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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Scaled Data Report



REPORT NUMBER: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-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°	11.4	9.6	7.7	5.8	3.9	1.9	0.0
85°	22.9	19.1	15.3	11.5	7.7	3.9	0.0
82.5°	34.2	28.6	23.0	17.3	11.5	5.8	0.0
80°	47.9	38.1	30.5	23.0	15.3	7.7	0.0
77.5°	78.4	53.1	38.1	28.6	19.1	9.6	0.0
75°	108.7	78.4	47.9	34.2	22.9	11.4	0.0
72.5°	138.6	103.4	67.9	39.8	26.6	13.3	0.0
70°	169.9	128.1	87.7	47.0	30.2	15.1	0.0
67.5°	212.3	152.4	107.2	61.7	33.8	16.9	0.0
65°	254.0	181.8	126.3	76.0	37.3	18.7	0.0
62.5°	294.9	215.9	145.1	90.1	40.8	20.4	0.0
60°	334.9	249.3	163.5	103.9	44.2	22.1	0.0
57.5°	377.5	281.9	189.1	117.4	53.1	23.7	0.0
55°	419.4	313.6	214.5	130.4	61.8	25.3	0.0
52.5°	460.0	344.9	239.2	143.1	70.2	26.9	0.0
50°	499.5	377.7	263.0	155.4	78.4	28.4	0.0
47.5°	537.3	409.4	286.0	168.5	86.3	29.9	0.0
45°	572.2	439.9	308.1	185.1	93.9	31.2	0.0
42.5°	605.7	469.1	329.3	201.0	101.1	32.6	0.0
40°	637.6	496.9	350.5	216.1	108.1	33.9	0.0
37.5°	668.0	523.4	371.7	230.5	114.6	35.1	0.0
35°	696.8	547.7	391.6	244.0	120.8	36.2	0.0
32.5°	724.9	570.2	410.4	256.8	126.7	37.3	0.0
30°	753.7	591.2	428.0	268.7	132.1	38.3	0.0
27.5°	780.3	610.7	444.3	279.8	137.2	39.2	0.0
25°	804.9	628.6	459.2	290.0	141.8	40.1	0.0
22.5°	827.2	644.9	472.9	299.2	146.1	40.8	0.0
20°	847.4	659.7	485.2	307.6	149.9	41.5	0.0
17.5°	865.3	672.7	496.1	315.0	153.2	42.2	0.0
15°	880.9	684.1	505.6	321.4	156.2	42.7	0.0
12.5°	894.2	693.8	513.6	326.9	158.7	43.2	0.0
10°	905.0	701.7	520.3	331.4	160.7	43.5	0.0
7.5°	913.5	707.9	525.4	334.9	162.3	43.8	0.0
5°	919.6	712.3	529.1	337.4	163.5	44.0	0.0
2.5°	923.3	715.0	531.4	338.9	164.2	44.2	0.0
0°	924.5	715.9	532.1	339.4	164.4	44.2	0.0
-2.5°	923.3	715.0	531.4	338.9	164.2	44.2	0.0
-5°	919.6	712.3	529.1	337.4	163.5	44.0	0.0
-7.5°	913.5	707.9	525.4	334.9	162.3	43.8	0.0
-10°	905.0	701.7	520.3	331.4	160.7	43.5	0.0
-12.5°	894.2	693.8	513.6	326.9	158.7	43.2	0.0
-15°	880.9	684.1	505.6	321.4	156.2	42.7	0.0
-17.5°	865.3	672.7	496.1	315.0	153.2	42.2	0.0
-20°	847.4	659.7	485.2	307.6	149.9	41.5	0.0

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REPORT NUMBER: P645508 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	827.2	644.9	472.9	299.2	146.1	40.8	0.0
-25°	804.9	628.6	459.2	290.0	141.8	40.1	0.0
-27.5°	780.3	610.7	444.3	279.8	137.2	39.2	0.0
-30°	753.7	591.2	428.0	268.7	132.1	38.3	0.0
-32.5°	724.9	570.2	410.4	256.8	126.7	37.3	0.0
-35°	696.8	547.7	391.6	244.0	120.8	36.2	0.0
-37.5°	668.0	523.4	371.7	230.5	114.6	35.1	0.0
-40°	637.6	496.9	350.5	216.1	108.1	33.9	0.0
-42.5°	605.7	469.1	329.3	201.0	101.1	32.6	0.0
-45°	572.2	439.9	308.1	185.1	93.9	31.2	0.0
-47.5°	537.3	409.4	286.0	168.5	86.3	29.9	0.0
-50°	499.5	377.7	263.0	155.4	78.4	28.4	0.0
-52.5°	460.0	344.9	239.2	143.1	70.2	26.9	0.0
-55°	419.4	313.6	214.5	130.4	61.8	25.3	0.0
-57.5°	377.5	281.9	189.1	117.4	53.1	23.7	0.0
-60°	334.9	249.3	163.5	103.9	44.2	22.1	0.0
-62.5°	294.9	215.9	145.1	90.1	40.8	20.4	0.0
-65°	254.0	181.8	126.3	76.0	37.3	18.7	0.0
-67.5°	212.3	152.4	107.2	61.7	33.8	16.9	0.0
-70°	169.9	128.1	87.7	47.0	30.2	15.1	0.0
-72.5°	138.6	103.4	67.9	39.8	26.6	13.3	0.0
-75°	108.7	78.4	47.9	34.2	22.9	11.4	0.0
-77.5°	78.4	53.1	38.1	28.6	19.1	9.6	0.0
-80°	47.9	38.1	30.5	23.0	15.3	7.7	0.0
-82.5°	34.2	28.6	23.0	17.3	11.5	5.8	0.0
-85°	22.9	19.1	15.3	11.5	7.7	3.9	0.0
-87.5°	11.4	9.6	7.7	5.8	3.9	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)