

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: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6C-730-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645564 (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-SA6C-730-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

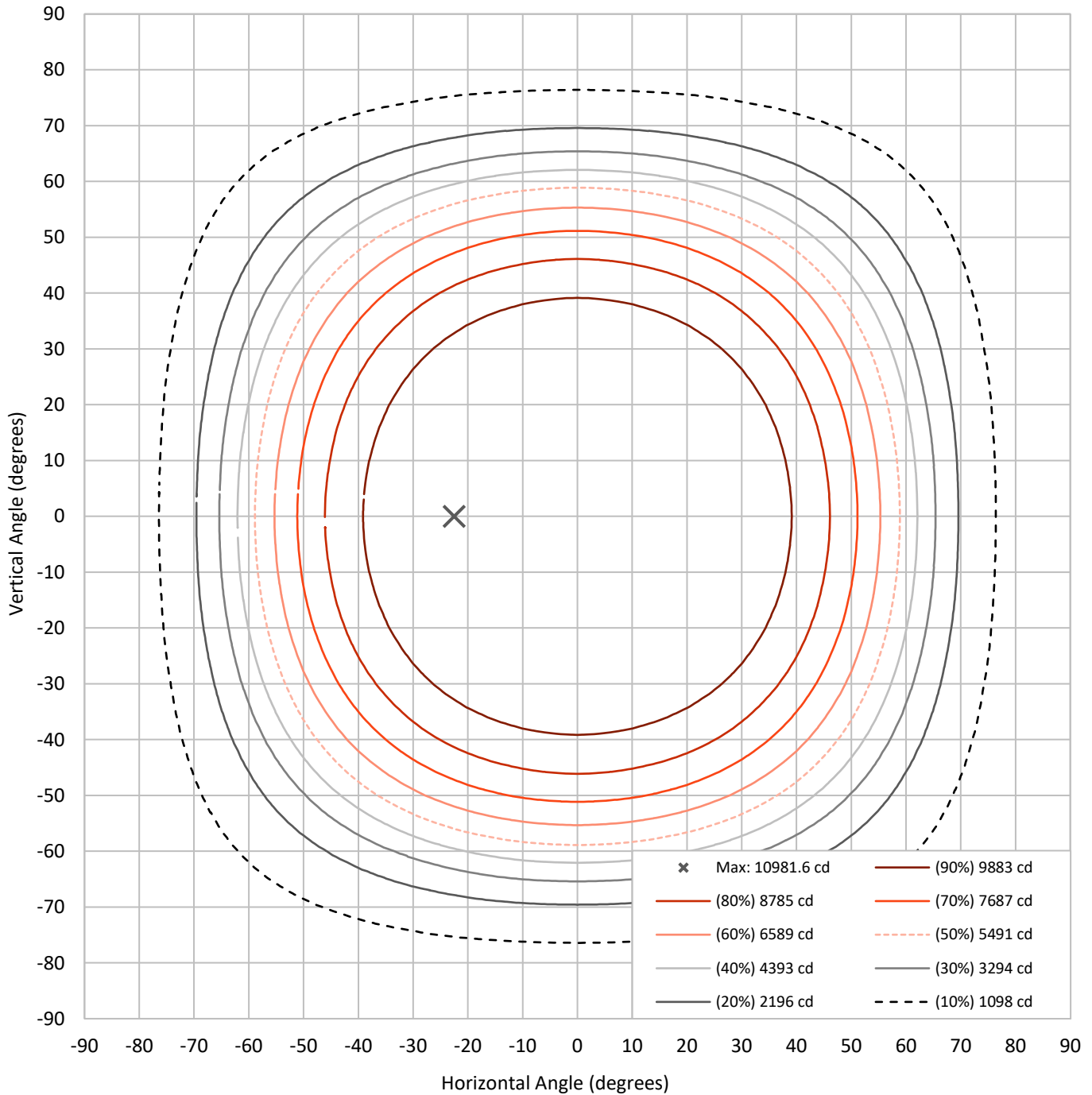
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	33593.5 lumens	Max Intensity:	10981.6 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	135.7 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:	27957.1 lumens	Field Lumens:	32932.8 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	247.5		
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		



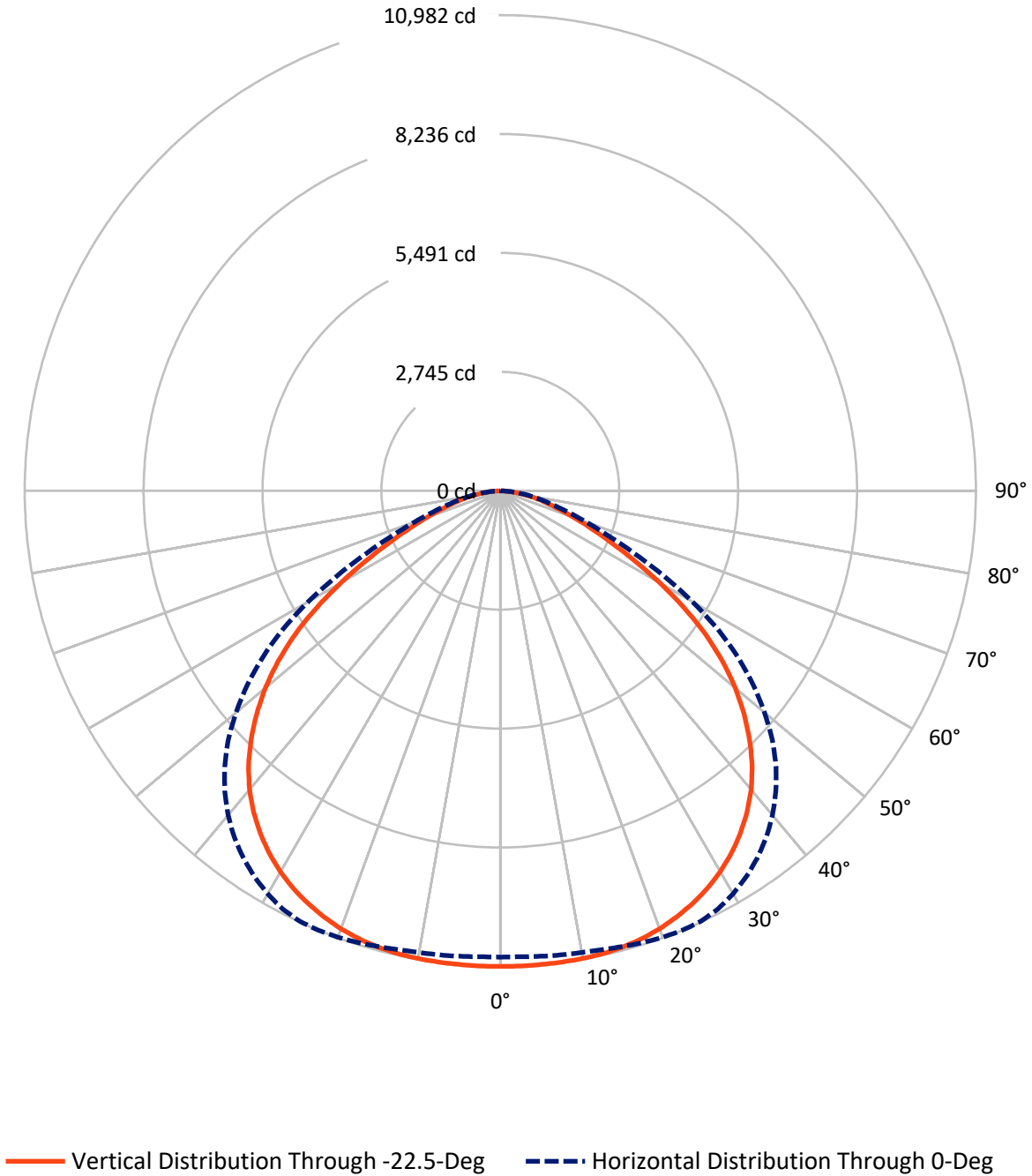
REPORT NUMBER: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot



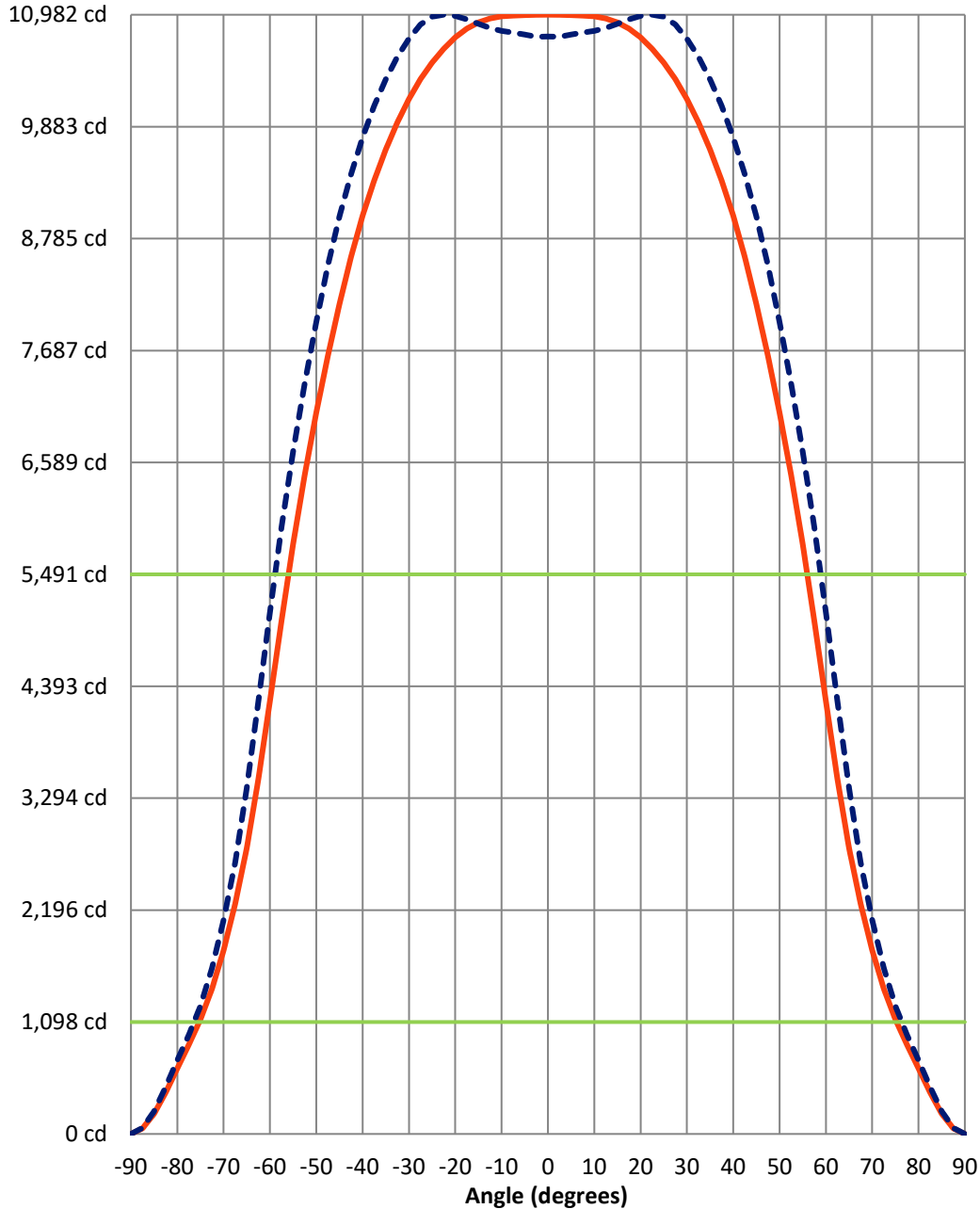
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 27957.1
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 32932.8
 Efficiency: 98.0%

Spill:
 Lumens: 660.7
 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	2.6	5.2	7.8	10.4	13.0	15.6	18.1	20.5	23.0	25.4
85°	0.0	5.2	10.5	15.7	20.8	26.0	31.1	36.1	41.1	45.9	50.7
82.5°	0.0	7.8	15.7	23.5	31.2	38.9	46.5	54.1	63.9	83.8	103.4
80°	0.0	10.4	20.8	31.2	41.5	51.8	65.1	92.3	119.2	145.7	171.8
77.5°	0.0	13.0	26.0	38.9	51.8	72.2	106.6	140.6	174.2	207.2	247.1
75°	0.0	15.6	31.1	46.5	65.1	106.6	147.7	188.5	231.0	288.6	345.3
72.5°	0.0	18.1	36.1	54.1	92.3	140.6	188.5	241.4	309.4	376.5	442.5
70°	0.0	20.5	41.1	63.9	119.2	174.2	231.0	309.4	387.0	463.6	546.3
67.5°	0.0	23.0	45.9	83.8	145.7	207.2	288.6	376.5	463.6	557.9	650.7
65°	0.0	25.4	50.7	103.4	171.8	247.1	345.3	442.5	546.3	650.7	752.1
62.5°	0.0	27.7	55.4	122.5	197.3	293.5	400.9	511.8	627.6	741.1	848.6
60°	0.0	30.0	60.0	141.3	222.3	338.9	455.3	581.6	707.2	826.4	943.1
57.5°	0.0	32.3	72.1	159.5	257.1	383.2	513.1	649.8	782.2	909.8	1044.1
55°	0.0	34.5	84.0	177.3	291.7	426.3	570.1	716.2	854.6	993.6	1146.6
52.5°	0.0	36.6	95.5	194.6	325.1	468.9	625.4	778.1	925.0	1083.4	1246.4
50°	0.0	38.6	106.6	211.3	357.5	513.5	678.9	837.7	995.9	1170.6	1370.4
47.5°	0.0	40.6	117.3	229.1	388.8	556.5	730.3	895.4	1070.7	1254.9	1493.6
45°	0.0	42.5	127.6	251.6	418.9	598.0	777.8	950.9	1142.8	1361.1	1612.5
42.5°	0.0	44.3	137.5	273.2	447.7	637.6	823.3	1008.3	1212.1	1463.6	1752.6
40°	0.0	46.0	146.9	293.8	476.5	675.5	866.8	1066.0	1284.9	1561.7	1891.0
37.5°	0.0	47.7	155.8	313.3	505.2	711.5	908.1	1120.9	1367.7	1662.0	2022.9
35°	0.0	49.2	164.3	331.8	532.4	744.5	947.2	1172.9	1446.0	1774.0	2157.7
32.5°	0.0	50.7	172.2	349.1	557.9	775.1	985.5	1221.8	1519.8	1879.7	2299.3
30°	0.0	52.0	179.6	365.3	581.8	803.6	1024.5	1270.9	1588.9	1978.6	2432.0
27.5°	0.0	53.3	186.5	380.4	603.9	830.1	1060.8	1326.8	1659.4	2070.6	2555.6
25°	0.0	54.5	192.8	394.2	624.3	854.5	1094.2	1378.2	1734.3	2166.5	2671.0
22.5°	0.0	55.5	198.6	406.8	642.8	876.7	1124.6	1425.1	1802.6	2259.4	2805.9
20°	0.0	56.5	203.7	418.1	659.5	896.7	1152.0	1467.4	1864.2	2343.2	2927.6
17.5°	0.0	57.3	208.3	428.2	674.4	914.5	1176.3	1504.9	1918.9	2417.8	3035.8
15°	0.0	58.1	212.3	436.9	687.3	930.0	1197.5	1537.7	1966.6	2482.8	3130.4
12.5°	0.0	58.7	215.7	444.4	698.2	943.1	1215.6	1565.5	2007.2	2538.1	3210.8
10°	0.0	59.2	218.5	450.5	707.2	953.9	1230.4	1588.3	2040.6	2583.6	3277.0
7.5°	0.0	59.6	220.7	455.3	714.2	962.3	1241.9	1606.2	2066.6	2619.1	3328.7
5°	0.0	59.9	222.3	458.7	719.3	968.4	1250.2	1619.0	2085.3	2644.5	3365.7
2.5°	0.0	60.0	223.2	460.7	722.3	972.0	1255.1	1626.6	2096.5	2659.8	3388.0
0°	0.0	60.1	223.5	461.4	723.3	973.2	1256.8	1629.2	2100.2	2664.9	3395.4
-2.5°	0.0	60.0	223.2	460.7	722.3	972.0	1255.1	1626.6	2096.5	2659.8	3388.0
-5°	0.0	59.9	222.3	458.7	719.3	968.4	1250.2	1619.0	2085.3	2644.5	3365.7
-7.5°	0.0	59.6	220.7	455.3	714.2	962.3	1241.9	1606.2	2066.6	2619.1	3328.7
-10°	0.0	59.2	218.5	450.5	707.2	953.9	1230.4	1588.3	2040.6	2583.6	3277.0
-12.5°	0.0	58.7	215.7	444.4	698.2	943.1	1215.6	1565.5	2007.2	2538.1	3210.8
-15°	0.0	58.1	212.3	436.9	687.3	930.0	1197.5	1537.7	1966.6	2482.8	3130.4
-17.5°	0.0	57.3	208.3	428.2	674.4	914.5	1176.3	1504.9	1918.9	2417.8	3035.8
-20°	0.0	56.5	203.7	418.1	659.5	896.7	1152.0	1467.4	1864.2	2343.2	2927.6

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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	55.5	198.6	406.8	642.8	876.7	1124.6	1425.1	1802.6	2259.4	2805.9
-25°	0.0	54.5	192.8	394.2	624.3	854.5	1094.2	1378.2	1734.3	2166.5	2671.0
-27.5°	0.0	53.3	186.5	380.4	603.9	830.1	1060.8	1326.8	1659.4	2070.6	2555.6
-30°	0.0	52.0	179.6	365.3	581.8	803.6	1024.5	1270.9	1588.9	1978.6	2432.0
-32.5°	0.0	50.7	172.2	349.1	557.9	775.1	985.5	1221.8	1519.8	1879.7	2299.3
-35°	0.0	49.2	164.3	331.8	532.4	744.5	947.2	1172.9	1446.0	1774.0	2157.7
-37.5°	0.0	47.7	155.8	313.3	505.2	711.5	908.1	1120.9	1367.7	1662.0	2022.9
-40°	0.0	46.0	146.9	293.8	476.5	675.5	866.8	1066.0	1284.9	1561.7	1891.0
-42.5°	0.0	44.3	137.5	273.2	447.7	637.6	823.3	1008.3	1212.1	1463.6	1752.6
-45°	0.0	42.5	127.6	251.6	418.9	598.0	777.8	950.9	1142.8	1361.1	1612.5
-47.5°	0.0	40.6	117.3	229.1	388.8	556.5	730.3	895.4	1070.7	1254.9	1493.6
-50°	0.0	38.6	106.6	211.3	357.5	513.5	678.9	837.7	995.9	1170.6	1370.4
-52.5°	0.0	36.6	95.5	194.6	325.1	468.9	625.4	778.1	925.0	1083.4	1246.4
-55°	0.0	34.5	84.0	177.3	291.7	426.3	570.1	716.2	854.6	993.6	1146.6
-57.5°	0.0	32.3	72.1	159.5	257.1	383.2	513.1	649.8	782.2	909.8	1044.1
-60°	0.0	30.0	60.0	141.3	222.3	338.9	455.3	581.6	707.2	826.4	943.1
-62.5°	0.0	27.7	55.4	122.5	197.3	293.5	400.9	511.8	627.6	741.1	848.6
-65°	0.0	25.4	50.7	103.4	171.8	247.1	345.3	442.5	546.3	650.7	752.1
-67.5°	0.0	23.0	45.9	83.8	145.7	207.2	288.6	376.5	463.6	557.9	650.7
-70°	0.0	20.5	41.1	63.9	119.2	174.2	231.0	309.4	387.0	463.6	546.3
-72.5°	0.0	18.1	36.1	54.1	92.3	140.6	188.5	241.4	309.4	376.5	442.5
-75°	0.0	15.6	31.1	46.5	65.1	106.6	147.7	188.5	231.0	288.6	345.3
-77.5°	0.0	13.0	26.0	38.9	51.8	72.2	106.6	140.6	174.2	207.2	247.1
-80°	0.0	10.4	20.8	31.2	41.5	51.8	65.1	92.3	119.2	145.7	171.8
-82.5°	0.0	7.8	15.7	23.5	31.2	38.9	46.5	54.1	63.9	83.8	103.4
-85°	0.0	5.2	10.5	15.7	20.8	26.0	31.1	36.1	41.1	45.9	50.7
-87.5°	0.0	2.6	5.2	7.8	10.4	13.0	15.6	18.1	20.5	23.0	25.4
-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°	27.7	30.0	32.3	34.5	36.6	38.6	40.6	42.5	44.3	46.0	47.7
85°	55.4	60.0	72.1	84.0	95.5	106.6	117.3	127.6	137.5	146.9	155.8
82.5°	122.5	141.3	159.5	177.3	194.6	211.3	229.1	251.6	273.2	293.8	313.3
80°	197.3	222.3	257.1	291.7	325.1	357.5	388.8	418.9	447.7	476.5	505.2
77.5°	293.5	338.9	383.2	426.3	468.9	513.5	556.5	598.0	637.6	675.5	711.5
75°	400.9	455.3	513.1	570.1	625.4	678.9	730.3	777.8	823.3	866.8	908.1
72.5°	511.8	581.6	649.8	716.2	778.1	837.7	895.4	950.9	1008.3	1066.0	1120.9
70°	627.6	707.2	782.2	854.6	925.0	995.9	1070.7	1142.8	1212.1	1284.9	1367.7
67.5°	741.1	826.4	909.8	993.6	1083.4	1170.6	1254.9	1361.1	1463.6	1561.7	1662.0
65°	848.6	943.1	1044.1	1146.6	1246.4	1370.4	1493.6	1612.5	1752.6	1891.0	2022.9
62.5°	954.3	1069.5	1184.8	1310.1	1454.3	1594.3	1756.7	1922.5	2082.0	2261.7	2436.6
60°	1069.5	1197.5	1343.8	1504.9	1670.8	1864.2	2051.7	2259.4	2468.8	2671.0	2919.3
57.5°	1184.8	1343.8	1521.9	1713.9	1929.1	2146.4	2390.3	2626.3	2909.5	3192.3	3473.8
55°	1310.1	1504.9	1713.9	1950.9	2198.8	2469.4	2752.3	3082.0	3401.1	3756.7	4097.1
52.5°	1454.3	1670.8	1929.1	2198.8	2496.0	2821.4	3186.4	3563.9	3961.5	4347.6	4726.2
50°	1594.3	1864.2	2146.4	2469.4	2821.4	3221.4	3645.9	4085.6	4519.6	4943.0	5339.5
47.5°	1756.7	2051.7	2390.3	2752.3	3186.4	3645.9	4127.1	4606.3	5074.4	5508.7	5924.7
45°	1922.5	2259.4	2626.3	3082.0	3563.9	4085.6	4606.3	5118.4	5594.0	6042.7	6435.4
42.5°	2082.0	2468.8	2909.5	3401.1	3961.5	4519.6	5074.4	5594.0	6081.2	6513.4	6907.8
40°	2261.7	2671.0	3192.3	3756.7	4347.6	4943.0	5508.7	6042.7	6513.4	6943.7	7343.1
37.5°	2436.6	2919.3	3473.8	4097.1	4726.2	5339.5	5924.7	6435.4	6907.8	7343.1	7726.2
35°	2602.7	3155.3	3772.8	4427.1	5087.6	5711.1	6280.6	6800.6	7269.9	7692.4	8084.1
32.5°	2787.4	3378.4	4055.8	4744.2	5416.8	6051.8	6616.4	7124.9	7591.6	8020.6	8409.6
30°	2977.9	3619.0	4324.4	5042.8	5726.0	6347.1	6910.7	7425.7	7888.7	8312.5	8693.7
27.5°	3155.3	3845.9	4580.6	5313.0	6008.5	6624.1	7180.1	7687.1	8152.8	8579.4	8948.9
25°	3319.2	4055.8	4817.8	5560.3	6246.3	6863.3	7424.3	7931.1	8394.1	8803.4	9162.6
22.5°	3480.9	4248.0	5035.2	5787.3	6464.8	7077.1	7633.1	8141.2	8604.4	9010.0	9354.6
20°	3638.2	4427.1	5226.9	5988.5	6663.1	7271.5	7823.2	8330.3	8781.2	9173.8	9516.9
17.5°	3778.1	4586.7	5394.7	6151.0	6826.1	7437.4	7991.4	8500.1	8940.2	9321.6	9657.0
15°	3900.4	4726.2	5541.4	6293.3	6966.3	7575.2	8129.2	8632.4	9069.5	9447.8	9780.8
12.5°	4004.6	4845.1	5666.6	6414.8	7086.1	7693.2	8247.3	8743.5	9173.2	9546.6	9872.4
10°	4090.3	4943.0	5769.7	6514.9	7185.0	7790.6	8345.0	8835.5	9259.2	9628.7	9948.8
7.5°	4157.2	5019.5	5850.3	6593.3	7262.5	7867.0	8421.6	8907.8	9326.9	9693.4	10009.1
5°	4205.2	5074.4	5908.2	6649.5	7318.0	7921.8	8476.7	8959.8	9375.7	9740.1	10052.6
2.5°	4234.1	5107.4	5943.0	6683.4	7351.5	7954.9	8509.9	8991.1	9405.1	9768.3	10078.9
0°	4243.7	5118.4	5954.6	6694.7	7362.7	7965.9	8521.0	9001.6	9414.9	9777.7	10087.7
-2.5°	4234.1	5107.4	5943.0	6683.4	7351.5	7954.9	8509.9	8991.1	9405.1	9768.3	10078.9
-5°	4205.2	5074.4	5908.2	6649.5	7318.0	7921.8	8476.7	8959.8	9375.7	9740.1	10052.6
-7.5°	4157.2	5019.5	5850.3	6593.3	7262.5	7867.0	8421.6	8907.8	9326.9	9693.4	10009.1
-10°	4090.3	4943.0	5769.7	6514.9	7185.0	7790.6	8345.0	8835.5	9259.2	9628.7	9948.8
-12.5°	4004.6	4845.1	5666.6	6414.8	7086.1	7693.2	8247.3	8743.5	9173.2	9546.6	9872.4
-15°	3900.4	4726.2	5541.4	6293.3	6966.3	7575.2	8129.2	8632.4	9069.5	9447.8	9780.8
-17.5°	3778.1	4586.7	5394.7	6151.0	6826.1	7437.4	7991.4	8500.1	8940.2	9321.6	9657.0
-20°	3638.2	4427.1	5226.9	5988.5	6663.1	7271.5	7823.2	8330.3	8781.2	9173.8	9516.9



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 CATALOG NUMBER: GFLD-SA6C-730-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°	3480.9	4248.0	5035.2	5787.3	6464.8	7077.1	7633.1	8141.2	8604.4	9010.0	9354.6
-25°	3319.2	4055.8	4817.8	5560.3	6246.3	6863.3	7424.3	7931.1	8394.1	8803.4	9162.6
-27.5°	3155.3	3845.9	4580.6	5313.0	6008.5	6624.1	7180.1	7687.1	8152.8	8579.4	8948.9
-30°	2977.9	3619.0	4324.4	5042.8	5726.0	6347.1	6910.7	7425.7	7888.7	8312.5	8693.7
-32.5°	2787.4	3378.4	4055.8	4744.2	5416.8	6051.8	6616.4	7124.9	7591.6	8020.6	8409.6
-35°	2602.7	3155.3	3772.8	4427.1	5087.6	5711.1	6280.6	6800.6	7269.9	7692.4	8084.1
-37.5°	2436.6	2919.3	3473.8	4097.1	4726.2	5339.5	5924.7	6435.4	6907.8	7343.1	7726.2
-40°	2261.7	2671.0	3192.3	3756.7	4347.6	4943.0	5508.7	6042.7	6513.4	6943.7	7343.1
-42.5°	2082.0	2468.8	2909.5	3401.1	3961.5	4519.6	5074.4	5594.0	6081.2	6513.4	6907.8
-45°	1922.5	2259.4	2626.3	3082.0	3563.9	4085.6	4606.3	5118.4	5594.0	6042.7	6435.4
-47.5°	1756.7	2051.7	2390.3	2752.3	3186.4	3645.9	4127.1	4606.3	5074.4	5508.7	5924.7
-50°	1594.3	1864.2	2146.4	2469.4	2821.4	3221.4	3645.9	4085.6	4519.6	4943.0	5339.5
-52.5°	1454.3	1670.8	1929.1	2198.8	2496.0	2821.4	3186.4	3563.9	3961.5	4347.6	4726.2
-55°	1310.1	1504.9	1713.9	1950.9	2198.8	2469.4	2752.3	3082.0	3401.1	3756.7	4097.1
-57.5°	1184.8	1343.8	1521.9	1713.9	1929.1	2146.4	2390.3	2626.3	2909.5	3192.3	3473.8
-60°	1069.5	1197.5	1343.8	1504.9	1670.8	1864.2	2051.7	2259.4	2468.8	2671.0	2919.3
-62.5°	954.3	1069.5	1184.8	1310.1	1454.3	1594.3	1756.7	1922.5	2082.0	2261.7	2436.6
-65°	848.6	943.1	1044.1	1146.6	1246.4	1370.4	1493.6	1612.5	1752.6	1891.0	2022.9
-67.5°	741.1	826.4	909.8	993.6	1083.4	1170.6	1254.9	1361.1	1463.6	1561.7	1662.0
-70°	627.6	707.2	782.2	854.6	925.0	995.9	1070.7	1142.8	1212.1	1284.9	1367.7
-72.5°	511.8	581.6	649.8	716.2	778.1	837.7	895.4	950.9	1008.3	1066.0	1120.9
-75°	400.9	455.3	513.1	570.1	625.4	678.9	730.3	777.8	823.3	866.8	908.1
-77.5°	293.5	338.9	383.2	426.3	468.9	513.5	556.5	598.0	637.6	675.5	711.5
-80°	197.3	222.3	257.1	291.7	325.1	357.5	388.8	418.9	447.7	476.5	505.2
-82.5°	122.5	141.3	159.5	177.3	194.6	211.3	229.1	251.6	273.2	293.8	313.3
-85°	55.4	60.0	72.1	84.0	95.5	106.6	117.3	127.6	137.5	146.9	155.8
-87.5°	27.7	30.0	32.3	34.5	36.6	38.6	40.6	42.5	44.3	46.0	47.7
-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: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-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°	49.2	50.7	52.0	53.3	54.5	55.5	56.5	57.3	58.1	58.7	59.2
85°	164.3	172.2	179.6	186.5	192.8	198.6	203.7	208.3	212.3	215.7	218.5
82.5°	331.8	349.1	365.3	380.4	394.2	406.8	418.1	428.2	436.9	444.4	450.5
80°	532.4	557.9	581.8	603.9	624.3	642.8	659.5	674.4	687.3	698.2	707.2
77.5°	744.5	775.1	803.6	830.1	854.5	876.7	896.7	914.5	930.0	943.1	953.9
75°	947.2	985.5	1024.5	1060.8	1094.2	1124.6	1152.0	1176.3	1197.5	1215.6	1230.4
72.5°	1172.9	1221.8	1270.9	1326.8	1378.2	1425.1	1467.4	1504.9	1537.7	1565.5	1588.3
70°	1446.0	1519.8	1588.9	1659.4	1734.3	1802.6	1864.2	1918.9	1966.6	2007.2	2040.6
67.5°	1774.0	1879.7	1978.6	2070.6	2166.5	2259.4	2343.2	2417.8	2482.8	2538.1	2583.6
65°	2157.7	2299.3	2432.0	2555.6	2671.0	2805.9	2927.6	3035.8	3130.4	3210.8	3277.0
62.5°	2602.7	2787.4	2977.9	3155.3	3319.2	3480.9	3638.2	3778.1	3900.4	4004.6	4090.3
60°	3155.3	3378.4	3619.0	3845.9	4055.8	4248.0	4427.1	4586.7	4726.2	4845.1	4943.0
57.5°	3772.8	4055.8	4324.4	4580.6	4817.8	5035.2	5226.9	5394.7	5541.4	5666.6	5769.7
55°	4427.1	4744.2	5042.8	5313.0	5560.3	5787.3	5988.5	6151.0	6293.3	6414.8	6514.9
52.5°	5087.6	5416.8	5726.0	6008.5	6246.3	6464.8	6663.1	6826.1	6966.3	7086.1	7185.0
50°	5711.1	6051.8	6347.1	6624.1	6863.3	7077.1	7271.5	7437.4	7575.2	7693.2	7790.6
47.5°	6280.6	6616.4	6910.7	7180.1	7424.3	7633.1	7823.2	7991.4	8129.2	8247.3	8345.0
45°	6800.6	7124.9	7425.7	7687.1	7931.1	8141.2	8330.3	8500.1	8632.4	8743.5	8835.5
42.5°	7269.9	7591.6	7888.7	8152.8	8394.1	8604.4	8781.2	8940.2	9069.5	9173.2	9259.2
40°	7692.4	8020.6	8312.5	8579.4	8803.4	9010.0	9173.8	9321.6	9447.8	9546.6	9628.7
37.5°	8084.1	8409.6	8693.7	8948.9	9162.6	9354.6	9516.9	9657.0	9780.8	9872.4	9948.8
35°	8442.2	8751.4	9032.5	9266.4	9478.3	9659.1	9818.8	9948.1	10063.1	10150.5	10220.1
32.5°	8751.4	9058.1	9319.0	9549.3	9756.1	9924.8	10078.1	10196.5	10300.8	10384.9	10449.6
30°	9032.5	9319.0	9573.1	9801.3	9989.8	10154.1	10292.0	10407.7	10504.1	10584.3	10641.2
27.5°	9266.4	9549.3	9801.3	10011.6	10192.0	10350.2	10476.5	10587.8	10672.0	10745.8	10794.7
25°	9478.3	9756.1	9989.8	10192.0	10367.1	10511.5	10631.7	10732.6	10807.2	10870.4	10906.8
22.5°	9659.1	9924.8	10154.1	10350.2	10511.5	10646.6	10759.8	10845.2	10906.3	10944.5	10966.1
20°	9818.8	10078.1	10292.0	10476.5	10631.7	10759.8	10858.1	10921.3	10963.8	10974.3	10980.5
17.5°	9948.1	10196.5	10407.7	10587.8	10732.6	10845.2	10921.3	10965.8	10978.6	10976.3	10970.0
15°	10063.1	10300.8	10504.1	10672.0	10807.2	10906.3	10963.8	10978.6	10974.8	10962.0	10942.2
12.5°	10150.5	10384.9	10584.3	10745.8	10870.4	10944.5	10974.3	10976.3	10962.0	10937.4	10909.3
10°	10220.1	10449.6	10641.2	10794.7	10906.8	10966.1	10980.5	10970.0	10942.2	10909.3	10878.1
7.5°	10275.2	10501.0	10686.5	10833.8	10930.7	10972.7	10975.9	10956.1	10922.7	10885.3	10851.6
5°	10315.0	10538.2	10719.4	10862.3	10948.1	10977.6	10972.4	10945.1	10906.4	10867.4	10836.5
2.5°	10339.1	10560.7	10739.4	10879.7	10958.8	10980.6	10970.3	10938.3	10896.2	10855.9	10826.5
0°	10347.2	10568.3	10746.1	10885.5	10962.4	10981.6	10969.6	10936.0	10892.7	10851.9	10823.0
-2.5°	10339.1	10560.7	10739.4	10879.7	10958.8	10980.6	10970.3	10938.3	10896.2	10855.9	10826.5
-5°	10315.0	10538.2	10719.4	10862.3	10948.1	10977.6	10972.4	10945.1	10906.4	10867.4	10836.5
-7.5°	10275.2	10501.0	10686.5	10833.8	10930.7	10972.7	10975.9	10956.1	10922.7	10885.3	10851.6
-10°	10220.1	10449.6	10641.2	10794.7	10906.8	10966.1	10980.5	10970.0	10942.2	10909.3	10878.1
-12.5°	10150.5	10384.9	10584.3	10745.8	10870.4	10944.5	10974.3	10976.3	10962.0	10937.4	10909.3
-15°	10063.1	10300.8	10504.1	10672.0	10807.2	10906.3	10963.8	10978.6	10974.8	10962.0	10942.2
-17.5°	9948.1	10196.5	10407.7	10587.8	10732.6	10845.2	10921.3	10965.8	10978.6	10976.3	10970.0
-20°	9818.8	10078.1	10292.0	10476.5	10631.7	10759.8	10858.1	10921.3	10963.8	10974.3	10980.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9659.1	9924.8	10154.1	10350.2	10511.5	10646.6	10759.8	10845.2	10906.3	10944.5	10966.1
-25°	9478.3	9756.1	9989.8	10192.0	10367.1	10511.5	10631.7	10732.6	10807.2	10870.4	10906.8
-27.5°	9266.4	9549.3	9801.3	10011.6	10192.0	10350.2	10476.5	10587.8	10672.0	10745.8	10794.7
-30°	9032.5	9319.0	9573.1	9801.3	9989.8	10154.1	10292.0	10407.7	10504.1	10584.3	10641.2
-32.5°	8751.4	9058.1	9319.0	9549.3	9756.1	9924.8	10078.1	10196.5	10300.8	10384.9	10449.6
-35°	8442.2	8751.4	9032.5	9266.4	9478.3	9659.1	9818.8	9948.1	10063.1	10150.5	10220.1
-37.5°	8084.1	8409.6	8693.7	8948.9	9162.6	9354.6	9516.9	9657.0	9780.8	9872.4	9948.8
-40°	7692.4	8020.6	8312.5	8579.4	8803.4	9010.0	9173.8	9321.6	9447.8	9546.6	9628.7
-42.5°	7269.9	7591.6	7888.7	8152.8	8394.1	8604.4	8781.2	8940.2	9069.5	9173.2	9259.2
-45°	6800.6	7124.9	7425.7	7687.1	7931.1	8141.2	8330.3	8500.1	8632.4	8743.5	8835.5
-47.5°	6280.6	6616.4	6910.7	7180.1	7424.3	7633.1	7823.2	7991.4	8129.2	8247.3	8345.0
-50°	5711.1	6051.8	6347.1	6624.1	6863.3	7077.1	7271.5	7437.4	7575.2	7693.2	7790.6
-52.5°	5087.6	5416.8	5726.0	6008.5	6246.3	6464.8	6663.1	6826.1	6966.3	7086.1	7185.0
-55°	4427.1	4744.2	5042.8	5313.0	5560.3	5787.3	5988.5	6151.0	6293.3	6414.8	6514.9
-57.5°	3772.8	4055.8	4324.4	4580.6	4817.8	5035.2	5226.9	5394.7	5541.4	5666.6	5769.7
-60°	3155.3	3378.4	3619.0	3845.9	4055.8	4248.0	4427.1	4586.7	4726.2	4845.1	4943.0
-62.5°	2602.7	2787.4	2977.9	3155.3	3319.2	3480.9	3638.2	3778.1	3900.4	4004.6	4090.3
-65°	2157.7	2299.3	2432.0	2555.6	2671.0	2805.9	2927.6	3035.8	3130.4	3210.8	3277.0
-67.5°	1774.0	1879.7	1978.6	2070.6	2166.5	2259.4	2343.2	2417.8	2482.8	2538.1	2583.6
-70°	1446.0	1519.8	1588.9	1659.4	1734.3	1802.6	1864.2	1918.9	1966.6	2007.2	2040.6
-72.5°	1172.9	1221.8	1270.9	1326.8	1378.2	1425.1	1467.4	1504.9	1537.7	1565.5	1588.3
-75°	947.2	985.5	1024.5	1060.8	1094.2	1124.6	1152.0	1176.3	1197.5	1215.6	1230.4
-77.5°	744.5	775.1	803.6	830.1	854.5	876.7	896.7	914.5	930.0	943.1	953.9
-80°	532.4	557.9	581.8	603.9	624.3	642.8	659.5	674.4	687.3	698.2	707.2
-82.5°	331.8	349.1	365.3	380.4	394.2	406.8	418.1	428.2	436.9	444.4	450.5
-85°	164.3	172.2	179.6	186.5	192.8	198.6	203.7	208.3	212.3	215.7	218.5
-87.5°	49.2	50.7	52.0	53.3	54.5	55.5	56.5	57.3	58.1	58.7	59.2
-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: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-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°	59.6	59.9	60.0	60.1	60.0	59.9	59.6	59.2	58.7	58.1	57.3
85°	220.7	222.3	223.2	223.5	223.2	222.3	220.7	218.5	215.7	212.3	208.3
82.5°	455.3	458.7	460.7	461.4	460.7	458.7	455.3	450.5	444.4	436.9	428.2
80°	714.2	719.3	722.3	723.3	722.3	719.3	714.2	707.2	698.2	687.3	674.4
77.5°	962.3	968.4	972.0	973.2	972.0	968.4	962.3	953.9	943.1	930.0	914.5
75°	1241.9	1250.2	1255.1	1256.8	1255.1	1250.2	1241.9	1230.4	1215.6	1197.5	1176.3
72.5°	1606.2	1619.0	1626.6	1629.2	1626.6	1619.0	1606.2	1588.3	1565.5	1537.7	1504.9
70°	2066.6	2085.3	2096.5	2100.2	2096.5	2085.3	2066.6	2040.6	2007.2	1966.6	1918.9
67.5°	2619.1	2644.5	2659.8	2664.9	2659.8	2644.5	2619.1	2583.6	2538.1	2482.8	2417.8
65°	3328.7	3365.7	3388.0	3395.4	3388.0	3365.7	3328.7	3277.0	3210.8	3130.4	3035.8
62.5°	4157.2	4205.2	4234.1	4243.7	4234.1	4205.2	4157.2	4090.3	4004.6	3900.4	3778.1
60°	5019.5	5074.4	5107.4	5118.4	5107.4	5074.4	5019.5	4943.0	4845.1	4726.2	4586.7
57.5°	5850.3	5908.2	5943.0	5954.6	5943.0	5908.2	5850.3	5769.7	5666.6	5541.4	5394.7
55°	6593.3	6649.5	6683.4	6694.7	6683.4	6649.5	6593.3	6514.9	6414.8	6293.3	6151.0
52.5°	7262.5	7318.0	7351.5	7362.7	7351.5	7318.0	7262.5	7185.0	7086.1	6966.3	6826.1
50°	7867.0	7921.8	7954.9	7965.9	7954.9	7921.8	7867.0	7790.6	7693.2	7575.2	7437.4
47.5°	8421.6	8476.7	8509.9	8521.0	8509.9	8476.7	8421.6	8345.0	8247.3	8129.2	7991.4
45°	8907.8	8959.8	8991.1	9001.6	8991.1	8959.8	8907.8	8835.5	8743.5	8632.4	8500.1
42.5°	9326.9	9375.7	9405.1	9414.9	9405.1	9375.7	9326.9	9259.2	9173.2	9069.5	8940.2
40°	9693.4	9740.1	9768.3	9777.7	9768.3	9740.1	9693.4	9628.7	9546.6	9447.8	9321.6
37.5°	10009.1	10052.6	10078.9	10087.7	10078.9	10052.6	10009.1	9948.8	9872.4	9780.8	9657.0
35°	10275.2	10315.0	10339.1	10347.2	10339.1	10315.0	10275.2	10220.1	10150.5	10063.1	9948.1
32.5°	10501.0	10538.2	10560.7	10568.3	10560.7	10538.2	10501.0	10449.6	10384.9	10300.8	10196.5
30°	10686.5	10719.4	10739.4	10746.1	10739.4	10719.4	10686.5	10641.2	10584.3	10504.1	10407.7
27.5°	10833.8	10862.3	10879.7	10885.5	10879.7	10862.3	10833.8	10794.7	10745.8	10672.0	10587.8
25°	10930.7	10948.1	10958.8	10962.4	10958.8	10948.1	10930.7	10906.8	10870.4	10807.2	10732.6
22.5°	10972.7	10977.6	10980.6	10981.6	10980.6	10977.6	10972.7	10966.1	10944.5	10906.3	10845.2
20°	10975.9	10972.4	10970.3	10969.6	10970.3	10972.4	10975.9	10980.5	10974.3	10963.8	10921.3
17.5°	10956.1	10945.1	10938.3	10936.0	10938.3	10945.1	10956.1	10970.0	10976.3	10978.6	10965.8
15°	10922.7	10906.4	10896.2	10892.7	10896.2	10906.4	10922.7	10942.2	10962.0	10974.8	10978.6
12.5°	10885.3	10867.4	10855.9	10851.9	10855.9	10867.4	10885.3	10909.3	10937.4	10962.0	10976.3
10°	10851.6	10836.5	10826.5	10823.0	10826.5	10836.5	10851.6	10878.1	10909.3	10942.2	10970.0
7.5°	10829.8	10816.3	10808.9	10806.2	10808.9	10816.3	10829.8	10851.6	10885.3	10922.7	10956.1
5°	10816.3	10802.9	10791.5	10787.0	10791.5	10802.9	10816.3	10836.5	10867.4	10906.4	10945.1
2.5°	10808.9	10791.5	10774.3	10765.4	10774.3	10791.5	10808.9	10826.5	10855.9	10896.2	10938.3
0°	10806.2	10787.0	10765.4	10767.8	10765.4	10787.0	10806.2	10823.0	10851.9	10892.7	10936.0
-2.5°	10808.9	10791.5	10774.3	10765.4	10774.3	10791.5	10808.9	10826.5	10855.9	10896.2	10938.3
-5°	10816.3	10802.9	10791.5	10787.0	10791.5	10802.9	10816.3	10836.5	10867.4	10906.4	10945.1
-7.5°	10829.8	10816.3	10808.9	10806.2	10808.9	10816.3	10829.8	10851.6	10885.3	10922.7	10956.1
-10°	10851.6	10836.5	10826.5	10823.0	10826.5	10836.5	10851.6	10878.1	10909.3	10942.2	10970.0
-12.5°	10885.3	10867.4	10855.9	10851.9	10855.9	10867.4	10885.3	10909.3	10937.4	10962.0	10976.3
-15°	10922.7	10906.4	10896.2	10892.7	10896.2	10906.4	10922.7	10942.2	10962.0	10974.8	10978.6
-17.5°	10956.1	10945.1	10938.3	10936.0	10938.3	10945.1	10956.1	10970.0	10976.3	10978.6	10965.8
-20°	10975.9	10972.4	10970.3	10969.6	10970.3	10972.4	10975.9	10980.5	10974.3	10963.8	10921.3

Classified

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

Scaled Data Report



REPORT NUMBER: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-730-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°	10972.7	10977.6	10980.6	10981.6	10980.6	10977.6	10972.7	10966.1	10944.5	10906.3	10845.2
-25°	10930.7	10948.1	10958.8	10962.4	10958.8	10948.1	10930.7	10906.8	10870.4	10807.2	10732.6
-27.5°	10833.8	10862.3	10879.7	10885.5	10879.7	10862.3	10833.8	10794.7	10745.8	10672.0	10587.8
-30°	10686.5	10719.4	10739.4	10746.1	10739.4	10719.4	10686.5	10641.2	10584.3	10504.1	10407.7
-32.5°	10501.0	10538.2	10560.7	10568.3	10560.7	10538.2	10501.0	10449.6	10384.9	10300.8	10196.5
-35°	10275.2	10315.0	10339.1	10347.2	10339.1	10315.0	10275.2	10220.1	10150.5	10063.1	9948.1
-37.5°	10009.1	10052.6	10078.9	10087.7	10078.9	10052.6	10009.1	9948.8	9872.4	9780.8	9657.0
-40°	9693.4	9740.1	9768.3	9777.7	9768.3	9740.1	9693.4	9628.7	9546.6	9447.8	9321.6
-42.5°	9326.9	9375.7	9405.1	9414.9	9405.1	9375.7	9326.9	9259.2	9173.2	9069.5	8940.2
-45°	8907.8	8959.8	8991.1	9001.6	8991.1	8959.8	8907.8	8835.5	8743.5	8632.4	8500.1
-47.5°	8421.6	8476.7	8509.9	8521.0	8509.9	8476.7	8421.6	8345.0	8247.3	8129.2	7991.4
-50°	7867.0	7921.8	7954.9	7965.9	7954.9	7921.8	7867.0	7790.6	7693.2	7575.2	7437.4
-52.5°	7262.5	7318.0	7351.5	7362.7	7351.5	7318.0	7262.5	7185.0	7086.1	6966.3	6826.1
-55°	6593.3	6649.5	6683.4	6694.7	6683.4	6649.5	6593.3	6514.9	6414.8	6293.3	6151.0
-57.5°	5850.3	5908.2	5943.0	5954.6	5943.0	5908.2	5850.3	5769.7	5666.6	5541.4	5394.7
-60°	5019.5	5074.4	5107.4	5118.4	5107.4	5074.4	5019.5	4943.0	4845.1	4726.2	4586.7
-62.5°	4157.2	4205.2	4234.1	4243.7	4234.1	4205.2	4157.2	4090.3	4004.6	3900.4	3778.1
-65°	3328.7	3365.7	3388.0	3395.4	3388.0	3365.7	3328.7	3277.0	3210.8	3130.4	3035.8
-67.5°	2619.1	2644.5	2659.8	2664.9	2659.8	2644.5	2619.1	2583.6	2538.1	2482.8	2417.8
-70°	2066.6	2085.3	2096.5	2100.2	2096.5	2085.3	2066.6	2040.6	2007.2	1966.6	1918.9
-72.5°	1606.2	1619.0	1626.6	1629.2	1626.6	1619.0	1606.2	1588.3	1565.5	1537.7	1504.9
-75°	1241.9	1250.2	1255.1	1256.8	1255.1	1250.2	1241.9	1230.4	1215.6	1197.5	1176.3
-77.5°	962.3	968.4	972.0	973.2	972.0	968.4	962.3	953.9	943.1	930.0	914.5
-80°	714.2	719.3	722.3	723.3	722.3	719.3	714.2	707.2	698.2	687.3	674.4
-82.5°	455.3	458.7	460.7	461.4	460.7	458.7	455.3	450.5	444.4	436.9	428.2
-85°	220.7	222.3	223.2	223.5	223.2	222.3	220.7	218.5	215.7	212.3	208.3
-87.5°	59.6	59.9	60.0	60.1	60.0	59.9	59.6	59.2	58.7	58.1	57.3
-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: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-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°	56.5	55.5	54.5	53.3	52.0	50.7	49.2	47.7	46.0	44.3	42.5
85°	203.7	198.6	192.8	186.5	179.6	172.2	164.3	155.8	146.9	137.5	127.6
82.5°	418.1	406.8	394.2	380.4	365.3	349.1	331.8	313.3	293.8	273.2	251.6
80°	659.5	642.8	624.3	603.9	581.8	557.9	532.4	505.2	476.5	447.7	418.9
77.5°	896.7	876.7	854.5	830.1	803.6	775.1	744.5	711.5	675.5	637.6	598.0
75°	1152.0	1124.6	1094.2	1060.8	1024.5	985.5	947.2	908.1	866.8	823.3	777.8
72.5°	1467.4	1425.1	1378.2	1326.8	1270.9	1221.8	1172.9	1120.9	1066.0	1008.3	950.9
70°	1864.2	1802.6	1734.3	1659.4	1588.9	1519.8	1446.0	1367.7	1284.9	1212.1	1142.8
67.5°	2343.2	2259.4	2166.5	2070.6	1978.6	1879.7	1774.0	1662.0	1561.7	1463.6	1361.1
65°	2927.6	2805.9	2671.0	2555.6	2432.0	2299.3	2157.7	2022.9	1891.0	1752.6	1612.5
62.5°	3638.2	3480.9	3319.2	3155.3	2977.9	2787.4	2602.7	2436.6	2261.7	2082.0	1922.5
60°	4427.1	4248.0	4055.8	3845.9	3619.0	3378.4	3155.3	2919.3	2671.0	2468.8	2259.4
57.5°	5226.9	5035.2	4817.8	4580.6	4324.4	4055.8	3772.8	3473.8	3192.3	2909.5	2626.3
55°	5988.5	5787.3	5560.3	5313.0	5042.8	4744.2	4427.1	4097.1	3756.7	3401.1	3082.0
52.5°	6663.1	6464.8	6246.3	6008.5	5726.0	5416.8	5087.6	4726.2	4347.6	3961.5	3563.9
50°	7271.5	7077.1	6863.3	6624.1	6347.1	6051.8	5711.1	5339.5	4943.0	4519.6	4085.6
47.5°	7823.2	7633.1	7424.3	7180.1	6910.7	6616.4	6280.6	5924.7	5508.7	5074.4	4606.3
45°	8330.3	8141.2	7931.1	7687.1	7425.7	7124.9	6800.6	6435.4	6042.7	5594.0	5118.4
42.5°	8781.2	8604.4	8394.1	8152.8	7888.7	7591.6	7269.9	6907.8	6513.4	6081.2	5594.0
40°	9173.8	9010.0	8803.4	8579.4	8312.5	8020.6	7692.4	7343.1	6943.7	6513.4	6042.7
37.5°	9516.9	9354.6	9162.6	8948.9	8693.7	8409.6	8084.1	7726.2	7343.1	6907.8	6435.4
35°	9818.8	9659.1	9478.3	9266.4	9032.5	8751.4	8442.2	8084.1	7692.4	7269.9	6800.6
32.5°	10078.1	9924.8	9756.1	9549.3	9319.0	9058.1	8751.4	8409.6	8020.6	7591.6	7124.9
30°	10292.0	10154.1	9989.8	9801.3	9573.1	9319.0	9032.5	8693.7	8312.5	7888.7	7425.7
27.5°	10476.5	10350.2	10192.0	10011.6	9801.3	9549.3	9266.4	8948.9	8579.4	8152.8	7687.1
25°	10631.7	10511.5	10367.1	10192.0	9989.8	9756.1	9478.3	9162.6	8803.4	8394.1	7931.1
22.5°	10759.8	10646.6	10511.5	10350.2	10154.1	9924.8	9659.1	9354.6	9010.0	8604.4	8141.2
20°	10858.1	10759.8	10631.7	10476.5	10292.0	10078.1	9818.8	9516.9	9173.8	8781.2	8330.3
17.5°	10921.3	10845.2	10732.6	10587.8	10407.7	10196.5	9948.1	9657.0	9321.6	8940.2	8500.1
15°	10963.8	10906.3	10807.2	10672.0	10504.1	10300.8	10063.1	9780.8	9447.8	9069.5	8632.4
12.5°	10974.3	10944.5	10870.4	10745.8	10584.3	10384.9	10150.5	9872.4	9546.6	9173.2	8743.5
10°	10980.5	10966.1	10906.8	10794.7	10641.2	10449.6	10220.1	9948.8	9628.7	9259.2	8835.5
7.5°	10975.9	10972.7	10930.7	10833.8	10686.5	10501.0	10275.2	10009.1	9693.4	9326.9	8907.8
5°	10972.4	10977.6	10948.1	10862.3	10719.4	10538.2	10315.0	10052.6	9740.1	9375.7	8959.8
2.5°	10970.3	10980.6	10958.8	10879.7	10739.4	10560.7	10339.1	10078.9	9768.3	9405.1	8991.1
0°	10969.6	10981.6	10962.4	10885.5	10746.1	10568.3	10347.2	10087.7	9777.7	9414.9	9001.6
-2.5°	10970.3	10980.6	10958.8	10879.7	10739.4	10560.7	10339.1	10078.9	9768.3	9405.1	8991.1
-5°	10972.4	10977.6	10948.1	10862.3	10719.4	10538.2	10315.0	10052.6	9740.1	9375.7	8959.8
-7.5°	10975.9	10972.7	10930.7	10833.8	10686.5	10501.0	10275.2	10009.1	9693.4	9326.9	8907.8
-10°	10980.5	10966.1	10906.8	10794.7	10641.2	10449.6	10220.1	9948.8	9628.7	9259.2	8835.5
-12.5°	10974.3	10944.5	10870.4	10745.8	10584.3	10384.9	10150.5	9872.4	9546.6	9173.2	8743.5
-15°	10963.8	10906.3	10807.2	10672.0	10504.1	10300.8	10063.1	9780.8	9447.8	9069.5	8632.4
-17.5°	10921.3	10845.2	10732.6	10587.8	10407.7	10196.5	9948.1	9657.0	9321.6	8940.2	8500.1
-20°	10858.1	10759.8	10631.7	10476.5	10292.0	10078.1	9818.8	9516.9	9173.8	8781.2	8330.3



REPORT NUMBER: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10759.8	10646.6	10511.5	10350.2	10154.1	9924.8	9659.1	9354.6	9010.0	8604.4	8141.2
-25°	10631.7	10511.5	10367.1	10192.0	9989.8	9756.1	9478.3	9162.6	8803.4	8394.1	7931.1
-27.5°	10476.5	10350.2	10192.0	10011.6	9801.3	9549.3	9266.4	8948.9	8579.4	8152.8	7687.1
-30°	10292.0	10154.1	9989.8	9801.3	9573.1	9319.0	9032.5	8693.7	8312.5	7888.7	7425.7
-32.5°	10078.1	9924.8	9756.1	9549.3	9319.0	9058.1	8751.4	8409.6	8020.6	7591.6	7124.9
-35°	9818.8	9659.1	9478.3	9266.4	9032.5	8751.4	8442.2	8084.1	7692.4	7269.9	6800.6
-37.5°	9516.9	9354.6	9162.6	8948.9	8693.7	8409.6	8084.1	7726.2	7343.1	6907.8	6435.4
-40°	9173.8	9010.0	8803.4	8579.4	8312.5	8020.6	7692.4	7343.1	6943.7	6513.4	6042.7
-42.5°	8781.2	8604.4	8394.1	8152.8	7888.7	7591.6	7269.9	6907.8	6513.4	6081.2	5594.0
-45°	8330.3	8141.2	7931.1	7687.1	7425.7	7124.9	6800.6	6435.4	6042.7	5594.0	5118.4
-47.5°	7823.2	7633.1	7424.3	7180.1	6910.7	6616.4	6280.6	5924.7	5508.7	5074.4	4606.3
-50°	7271.5	7077.1	6863.3	6624.1	6347.1	6051.8	5711.1	5339.5	4943.0	4519.6	4085.6
-52.5°	6663.1	6464.8	6246.3	6008.5	5726.0	5416.8	5087.6	4726.2	4347.6	3961.5	3563.9
-55°	5988.5	5787.3	5560.3	5313.0	5042.8	4744.2	4427.1	4097.1	3756.7	3401.1	3082.0
-57.5°	5226.9	5035.2	4817.8	4580.6	4324.4	4055.8	3772.8	3473.8	3192.3	2909.5	2626.3
-60°	4427.1	4248.0	4055.8	3845.9	3619.0	3378.4	3155.3	2919.3	2671.0	2468.8	2259.4
-62.5°	3638.2	3480.9	3319.2	3155.3	2977.9	2787.4	2602.7	2436.6	2261.7	2082.0	1922.5
-65°	2927.6	2805.9	2671.0	2555.6	2432.0	2299.3	2157.7	2022.9	1891.0	1752.6	1612.5
-67.5°	2343.2	2259.4	2166.5	2070.6	1978.6	1879.7	1774.0	1662.0	1561.7	1463.6	1361.1
-70°	1864.2	1802.6	1734.3	1659.4	1588.9	1519.8	1446.0	1367.7	1284.9	1212.1	1142.8
-72.5°	1467.4	1425.1	1378.2	1326.8	1270.9	1221.8	1172.9	1120.9	1066.0	1008.3	950.9
-75°	1152.0	1124.6	1094.2	1060.8	1024.5	985.5	947.2	908.1	866.8	823.3	777.8
-77.5°	896.7	876.7	854.5	830.1	803.6	775.1	744.5	711.5	675.5	637.6	598.0
-80°	659.5	642.8	624.3	603.9	581.8	557.9	532.4	505.2	476.5	447.7	418.9
-82.5°	418.1	406.8	394.2	380.4	365.3	349.1	331.8	313.3	293.8	273.2	251.6
-85°	203.7	198.6	192.8	186.5	179.6	172.2	164.3	155.8	146.9	137.5	127.6
-87.5°	56.5	55.5	54.5	53.3	52.0	50.7	49.2	47.7	46.0	44.3	42.5
-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: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-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°	40.6	38.6	36.6	34.5	32.3	30.0	27.7	25.4	23.0	20.5	18.1
85°	117.3	106.6	95.5	84.0	72.1	60.0	55.4	50.7	45.9	41.1	36.1
82.5°	229.1	211.3	194.6	177.3	159.5	141.3	122.5	103.4	83.8	63.9	54.1
80°	388.8	357.5	325.1	291.7	257.1	222.3	197.3	171.8	145.7	119.2	92.3
77.5°	556.5	513.5	468.9	426.3	383.2	338.9	293.5	247.1	207.2	174.2	140.6
75°	730.3	678.9	625.4	570.1	513.1	455.3	400.9	345.3	288.6	231.0	188.5
72.5°	895.4	837.7	778.1	716.2	649.8	581.6	511.8	442.5	376.5	309.4	241.4
70°	1070.7	995.9	925.0	854.6	782.2	707.2	627.6	546.3	463.6	387.0	309.4
67.5°	1254.9	1170.6	1083.4	993.6	909.8	826.4	741.1	650.7	557.9	463.6	376.5
65°	1493.6	1370.4	1246.4	1146.6	1044.1	943.1	848.6	752.1	650.7	546.3	442.5
62.5°	1756.7	1594.3	1454.3	1310.1	1184.8	1069.5	954.3	848.6	741.1	627.6	511.8
60°	2051.7	1864.2	1670.8	1504.9	1343.8	1197.5	1069.5	943.1	826.4	707.2	581.6
57.5°	2390.3	2146.4	1929.1	1713.9	1521.9	1343.8	1184.8	1044.1	909.8	782.2	649.8
55°	2752.3	2469.4	2198.8	1950.9	1713.9	1504.9	1310.1	1146.6	993.6	854.6	716.2
52.5°	3186.4	2821.4	2496.0	2198.8	1929.1	1670.8	1454.3	1246.4	1083.4	925.0	778.1
50°	3645.9	3221.4	2821.4	2469.4	2146.4	1864.2	1594.3	1370.4	1170.6	995.9	837.7
47.5°	4127.1	3645.9	3186.4	2752.3	2390.3	2051.7	1756.7	1493.6	1254.9	1070.7	895.4
45°	4606.3	4085.6	3563.9	3082.0	2626.3	2259.4	1922.5	1612.5	1361.1	1142.8	950.9
42.5°	5074.4	4519.6	3961.5	3401.1	2909.5	2468.8	2082.0	1752.6	1463.6	1212.1	1008.3
40°	5508.7	4943.0	4347.6	3756.7	3192.3	2671.0	2261.7	1891.0	1561.7	1284.9	1066.0
37.5°	5924.7	5339.5	4726.2	4097.1	3473.8	2919.3	2436.6	2022.9	1662.0	1367.7	1120.9
35°	6280.6	5711.1	5087.6	4427.1	3772.8	3155.3	2602.7	2157.7	1774.0	1446.0	1172.9
32.5°	6616.4	6051.8	5416.8	4744.2	4055.8	3378.4	2787.4	2299.3	1879.7	1519.8	1221.8
30°	6910.7	6347.1	5726.0	5042.8	4324.4	3619.0	2977.9	2432.0	1978.6	1588.9	1270.9
27.5°	7180.1	6624.1	6008.5	5313.0	4580.6	3845.9	3155.3	2555.6	2070.6	1659.4	1326.8
25°	7424.3	6863.3	6246.3	5560.3	4817.8	4055.8	3319.2	2671.0	2166.5	1734.3	1378.2
22.5°	7633.1	7077.1	6464.8	5787.3	5035.2	4248.0	3480.9	2805.9	2259.4	1802.6	1425.1
20°	7823.2	7271.5	6663.1	5988.5	5226.9	4427.1	3638.2	2927.6	2343.2	1864.2	1467.4
17.5°	7991.4	7437.4	6826.1	6151.0	5394.7	4586.7	3778.1	3035.8	2417.8	1918.9	1504.9
15°	8129.2	7575.2	6966.3	6293.3	5541.4	4726.2	3900.4	3130.4	2482.8	1966.6	1537.7
12.5°	8247.3	7693.2	7086.1	6414.8	5666.6	4845.1	4004.6	3210.8	2538.1	2007.2	1565.5
10°	8345.0	7790.6	7185.0	6514.9	5769.7	4943.0	4090.3	3277.0	2583.6	2040.6	1588.3
7.5°	8421.6	7867.0	7262.5	6593.3	5850.3	5019.5	4157.2	3328.7	2619.1	2066.6	1606.2
5°	8476.7	7921.8	7318.0	6649.5	5908.2	5074.4	4205.2	3365.7	2644.5	2085.3	1619.0
2.5°	8509.9	7954.9	7351.5	6683.4	5943.0	5107.4	4234.1	3388.0	2659.8	2096.5	1626.6
0°	8521.0	7965.9	7362.7	6694.7	5954.6	5118.4	4243.7	3395.4	2664.9	2100.2	1629.2
-2.5°	8509.9	7954.9	7351.5	6683.4	5943.0	5107.4	4234.1	3388.0	2659.8	2096.5	1626.6
-5°	8476.7	7921.8	7318.0	6649.5	5908.2	5074.4	4205.2	3365.7	2644.5	2085.3	1619.0
-7.5°	8421.6	7867.0	7262.5	6593.3	5850.3	5019.5	4157.2	3328.7	2619.1	2066.6	1606.2
-10°	8345.0	7790.6	7185.0	6514.9	5769.7	4943.0	4090.3	3277.0	2583.6	2040.6	1588.3
-12.5°	8247.3	7693.2	7086.1	6414.8	5666.6	4845.1	4004.6	3210.8	2538.1	2007.2	1565.5
-15°	8129.2	7575.2	6966.3	6293.3	5541.4	4726.2	3900.4	3130.4	2482.8	1966.6	1537.7
-17.5°	7991.4	7437.4	6826.1	6151.0	5394.7	4586.7	3778.1	3035.8	2417.8	1918.9	1504.9
-20°	7823.2	7271.5	6663.1	5988.5	5226.9	4427.1	3638.2	2927.6	2343.2	1864.2	1467.4



REPORT NUMBER: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-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°	7633.1	7077.1	6464.8	5787.3	5035.2	4248.0	3480.9	2805.9	2259.4	1802.6	1425.1
-25°	7424.3	6863.3	6246.3	5560.3	4817.8	4055.8	3319.2	2671.0	2166.5	1734.3	1378.2
-27.5°	7180.1	6624.1	6008.5	5313.0	4580.6	3845.9	3155.3	2555.6	2070.6	1659.4	1326.8
-30°	6910.7	6347.1	5726.0	5042.8	4324.4	3619.0	2977.9	2432.0	1978.6	1588.9	1270.9
-32.5°	6616.4	6051.8	5416.8	4744.2	4055.8	3378.4	2787.4	2299.3	1879.7	1519.8	1221.8
-35°	6280.6	5711.1	5087.6	4427.1	3772.8	3155.3	2602.7	2157.7	1774.0	1446.0	1172.9
-37.5°	5924.7	5339.5	4726.2	4097.1	3473.8	2919.3	2436.6	2022.9	1662.0	1367.7	1120.9
-40°	5508.7	4943.0	4347.6	3756.7	3192.3	2671.0	2261.7	1891.0	1561.7	1284.9	1066.0
-42.5°	5074.4	4519.6	3961.5	3401.1	2909.5	2468.8	2082.0	1752.6	1463.6	1212.1	1008.3
-45°	4606.3	4085.6	3563.9	3082.0	2626.3	2259.4	1922.5	1612.5	1361.1	1142.8	950.9
-47.5°	4127.1	3645.9	3186.4	2752.3	2390.3	2051.7	1756.7	1493.6	1254.9	1070.7	895.4
-50°	3645.9	3221.4	2821.4	2469.4	2146.4	1864.2	1594.3	1370.4	1170.6	995.9	837.7
-52.5°	3186.4	2821.4	2496.0	2198.8	1929.1	1670.8	1454.3	1246.4	1083.4	925.0	778.1
-55°	2752.3	2469.4	2198.8	1950.9	1713.9	1504.9	1310.1	1146.6	993.6	854.6	716.2
-57.5°	2390.3	2146.4	1929.1	1713.9	1521.9	1343.8	1184.8	1044.1	909.8	782.2	649.8
-60°	2051.7	1864.2	1670.8	1504.9	1343.8	1197.5	1069.5	943.1	826.4	707.2	581.6
-62.5°	1756.7	1594.3	1454.3	1310.1	1184.8	1069.5	954.3	848.6	741.1	627.6	511.8
-65°	1493.6	1370.4	1246.4	1146.6	1044.1	943.1	848.6	752.1	650.7	546.3	442.5
-67.5°	1254.9	1170.6	1083.4	993.6	909.8	826.4	741.1	650.7	557.9	463.6	376.5
-70°	1070.7	995.9	925.0	854.6	782.2	707.2	627.6	546.3	463.6	387.0	309.4
-72.5°	895.4	837.7	778.1	716.2	649.8	581.6	511.8	442.5	376.5	309.4	241.4
-75°	730.3	678.9	625.4	570.1	513.1	455.3	400.9	345.3	288.6	231.0	188.5
-77.5°	556.5	513.5	468.9	426.3	383.2	338.9	293.5	247.1	207.2	174.2	140.6
-80°	388.8	357.5	325.1	291.7	257.1	222.3	197.3	171.8	145.7	119.2	92.3
-82.5°	229.1	211.3	194.6	177.3	159.5	141.3	122.5	103.4	83.8	63.9	54.1
-85°	117.3	106.6	95.5	84.0	72.1	60.0	55.4	50.7	45.9	41.1	36.1
-87.5°	40.6	38.6	36.6	34.5	32.3	30.0	27.7	25.4	23.0	20.5	18.1
-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: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-730-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°	15.6	13.0	10.4	7.8	5.2	2.6	0.0
85°	31.1	26.0	20.8	15.7	10.5	5.2	0.0
82.5°	46.5	38.9	31.2	23.5	15.7	7.8	0.0
80°	65.1	51.8	41.5	31.2	20.8	10.4	0.0
77.5°	106.6	72.2	51.8	38.9	26.0	13.0	0.0
75°	147.7	106.6	65.1	46.5	31.1	15.6	0.0
72.5°	188.5	140.6	92.3	54.1	36.1	18.1	0.0
70°	231.0	174.2	119.2	63.9	41.1	20.5	0.0
67.5°	288.6	207.2	145.7	83.8	45.9	23.0	0.0
65°	345.3	247.1	171.8	103.4	50.7	25.4	0.0
62.5°	400.9	293.5	197.3	122.5	55.4	27.7	0.0
60°	455.3	338.9	222.3	141.3	60.0	30.0	0.0
57.5°	513.1	383.2	257.1	159.5	72.1	32.3	0.0
55°	570.1	426.3	291.7	177.3	84.0	34.5	0.0
52.5°	625.4	468.9	325.1	194.6	95.5	36.6	0.0
50°	678.9	513.5	357.5	211.3	106.6	38.6	0.0
47.5°	730.3	556.5	388.8	229.1	117.3	40.6	0.0
45°	777.8	598.0	418.9	251.6	127.6	42.5	0.0
42.5°	823.3	637.6	447.7	273.2	137.5	44.3	0.0
40°	866.8	675.5	476.5	293.8	146.9	46.0	0.0
37.5°	908.1	711.5	505.2	313.3	155.8	47.7	0.0
35°	947.2	744.5	532.4	331.8	164.3	49.2	0.0
32.5°	985.5	775.1	557.9	349.1	172.2	50.7	0.0
30°	1024.5	803.6	581.8	365.3	179.6	52.0	0.0
27.5°	1060.8	830.1	603.9	380.4	186.5	53.3	0.0
25°	1094.2	854.5	624.3	394.2	192.8	54.5	0.0
22.5°	1124.6	876.7	642.8	406.8	198.6	55.5	0.0
20°	1152.0	896.7	659.5	418.1	203.7	56.5	0.0
17.5°	1176.3	914.5	674.4	428.2	208.3	57.3	0.0
15°	1197.5	930.0	687.3	436.9	212.3	58.1	0.0
12.5°	1215.6	943.1	698.2	444.4	215.7	58.7	0.0
10°	1230.4	953.9	707.2	450.5	218.5	59.2	0.0
7.5°	1241.9	962.3	714.2	455.3	220.7	59.6	0.0
5°	1250.2	968.4	719.3	458.7	222.3	59.9	0.0
2.5°	1255.1	972.0	722.3	460.7	223.2	60.0	0.0
0°	1256.8	973.2	723.3	461.4	223.5	60.1	0.0
-2.5°	1255.1	972.0	722.3	460.7	223.2	60.0	0.0
-5°	1250.2	968.4	719.3	458.7	222.3	59.9	0.0
-7.5°	1241.9	962.3	714.2	455.3	220.7	59.6	0.0
-10°	1230.4	953.9	707.2	450.5	218.5	59.2	0.0
-12.5°	1215.6	943.1	698.2	444.4	215.7	58.7	0.0
-15°	1197.5	930.0	687.3	436.9	212.3	58.1	0.0
-17.5°	1176.3	914.5	674.4	428.2	208.3	57.3	0.0
-20°	1152.0	896.7	659.5	418.1	203.7	56.5	0.0

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Scaled Data Report



REPORT NUMBER: P645564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1124.6	876.7	642.8	406.8	198.6	55.5	0.0
-25°	1094.2	854.5	624.3	394.2	192.8	54.5	0.0
-27.5°	1060.8	830.1	603.9	380.4	186.5	53.3	0.0
-30°	1024.5	803.6	581.8	365.3	179.6	52.0	0.0
-32.5°	985.5	775.1	557.9	349.1	172.2	50.7	0.0
-35°	947.2	744.5	532.4	331.8	164.3	49.2	0.0
-37.5°	908.1	711.5	505.2	313.3	155.8	47.7	0.0
-40°	866.8	675.5	476.5	293.8	146.9	46.0	0.0
-42.5°	823.3	637.6	447.7	273.2	137.5	44.3	0.0
-45°	777.8	598.0	418.9	251.6	127.6	42.5	0.0
-47.5°	730.3	556.5	388.8	229.1	117.3	40.6	0.0
-50°	678.9	513.5	357.5	211.3	106.6	38.6	0.0
-52.5°	625.4	468.9	325.1	194.6	95.5	36.6	0.0
-55°	570.1	426.3	291.7	177.3	84.0	34.5	0.0
-57.5°	513.1	383.2	257.1	159.5	72.1	32.3	0.0
-60°	455.3	338.9	222.3	141.3	60.0	30.0	0.0
-62.5°	400.9	293.5	197.3	122.5	55.4	27.7	0.0
-65°	345.3	247.1	171.8	103.4	50.7	25.4	0.0
-67.5°	288.6	207.2	145.7	83.8	45.9	23.0	0.0
-70°	231.0	174.2	119.2	63.9	41.1	20.5	0.0
-72.5°	188.5	140.6	92.3	54.1	36.1	18.1	0.0
-75°	147.7	106.6	65.1	46.5	31.1	15.6	0.0
-77.5°	106.6	72.2	51.8	38.9	26.0	13.0	0.0
-80°	65.1	51.8	41.5	31.2	20.8	10.4	0.0
-82.5°	46.5	38.9	31.2	23.5	15.7	7.8	0.0
-85°	31.1	26.0	20.8	15.7	10.5	5.2	0.0
-87.5°	15.6	13.0	10.4	7.8	5.2	2.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)