

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-730-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N46
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14752.3 lumens
Efficiency: N/A
Efficacy: 117.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 17333.4 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 9791.7 lumens
Beam Efficiency: 66.4%

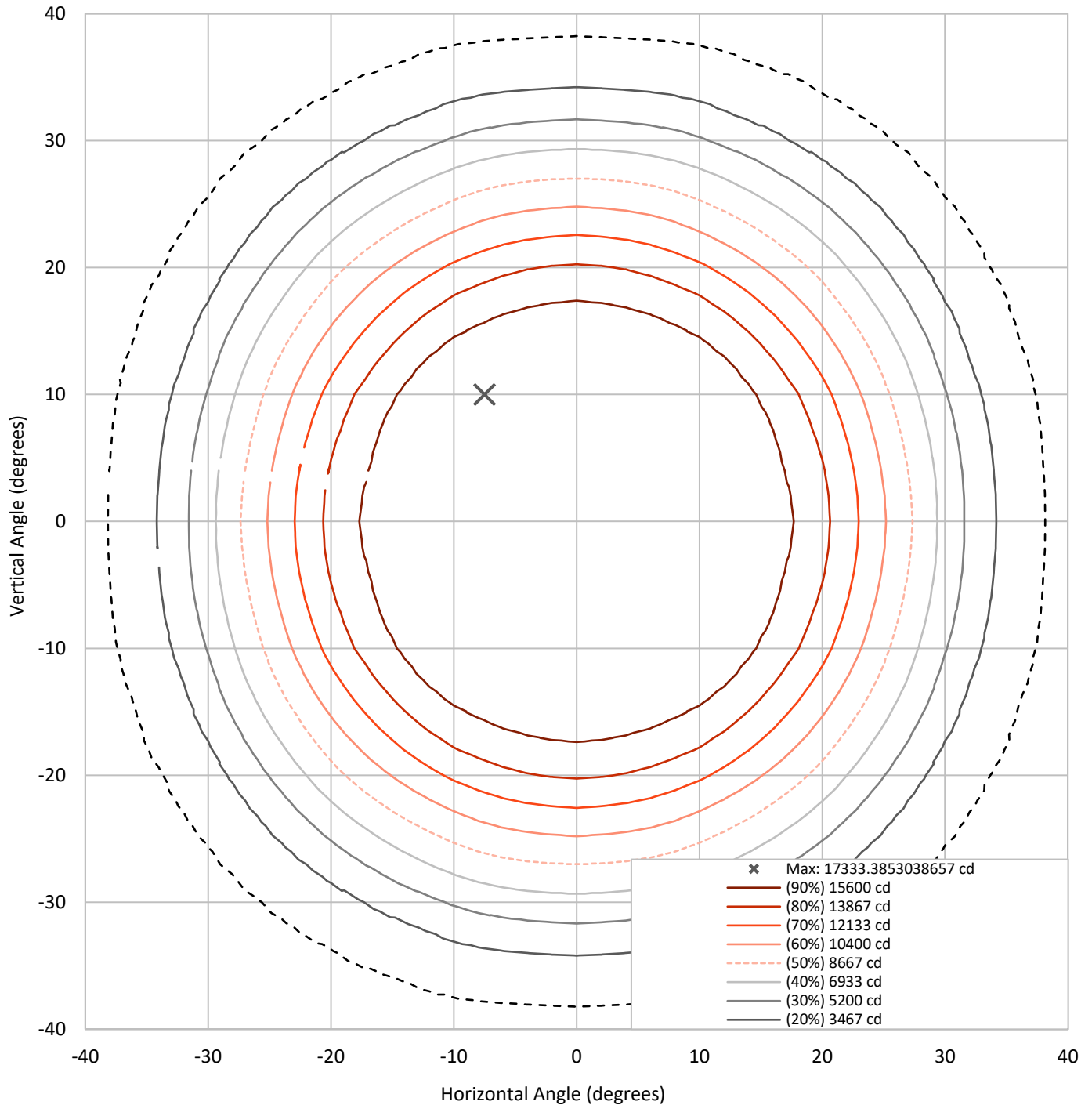
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 12732 lumens
Field Efficiency: 86.3%

Input Watts (W): 125.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





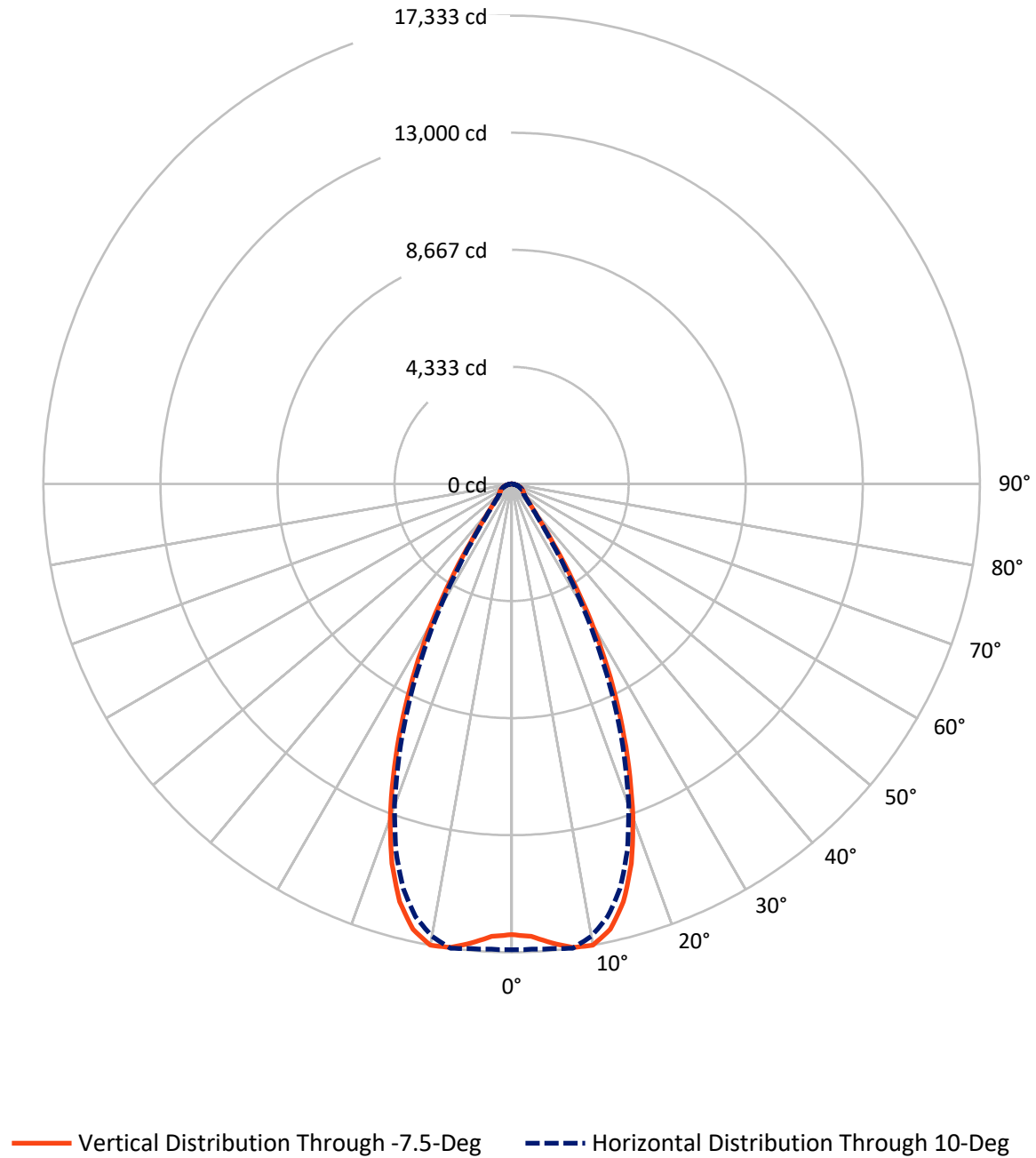
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Lumen Table

90																
80	0.4	3.5		9.3		14.7		16.4		14.7		9.3		3.5		0.4
70																
60	1.6	1.8	3.6	5.9	8.3	10.0	11.3	12.0	12.0	11.3	10.0	8.3	5.9	3.6	1.8	1.6
50		2.7	5.3	8.5	11.4	13.8	15.4	16.1	16.1	15.4	13.8	11.4	8.5	5.3	2.7	
40	2.8	3.4	6.7	10.3	13.8	18.0	22.7	26.0	26.0	22.7	18.0	13.8	10.3	6.7	3.4	2.8
30		4.1	7.8	11.9	18.4	33.5	64.2	95.1	95.1	64.2	33.5	18.4	11.9	7.8	4.1	
20	3.6	4.5	8.5	13.9	30.2	94.7	212.5	296.7	296.7	212.5	94.7	30.2	13.9	8.5	4.5	3.6
10		4.9	9.0	16.5	54.6	201.9	385.5	482.5	482.5	385.5	201.9	54.6	16.5	9.0	4.9	
0	3.9	5.0	9.2	18.5	78.6	276.3	467.7	508.9	508.9	467.7	276.3	78.6	18.5	9.2	5.0	3.9
-10		5.0	9.2	18.5	78.6	276.3	467.7	508.9	508.9	467.7	276.3	78.6	18.5	9.2	5.0	
-20	3.6	4.9	9.0	16.5	54.6	201.9	385.5	482.5	482.5	385.5	201.9	54.6	16.5	9.0	4.9	3.6
-30		4.5	8.5	13.9	30.2	94.7	212.5	296.7	296.7	212.5	94.7	30.2	13.9	8.5	4.5	
-40	2.8	4.1	7.8	11.9	18.4	33.5	64.2	95.1	95.1	64.2	33.5	18.4	11.9	7.8	4.1	2.8
-50		3.4	6.7	10.3	13.8	18.0	22.7	26.0	26.0	22.7	18.0	13.8	10.3	6.7	3.4	
-60	1.6	2.7	5.3	8.5	11.4	13.8	15.4	16.1	16.1	15.4	13.8	11.4	8.5	5.3	2.7	1.6
-70		1.8	3.6	5.9	8.3	10.0	11.3	12.0	12.0	11.3	10.0	8.3	5.9	3.6	1.8	
-80																
-90	0.4	3.5		9.3		14.7		16.4		14.7		9.3		3.5		0.4
Horizontal Angle (degrees)																

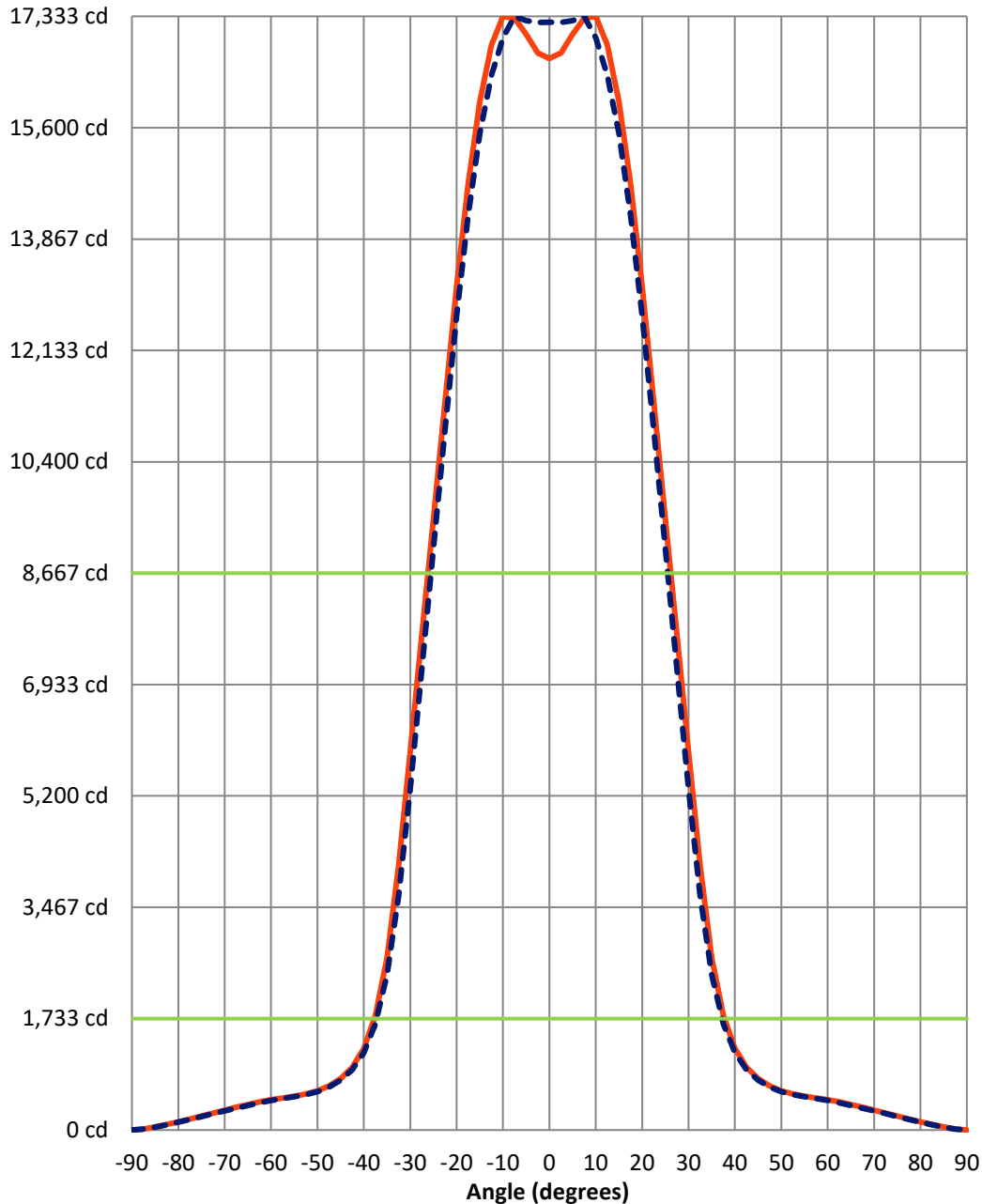
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 9791.7
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 12732
 Efficiency: 86.3%

Spill:
 Lumens: 2020.3
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.7	1.3	2.0	2.6	3.3	3.9	4.8	5.7	6.7	7.7
85°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.6	11.4	13.3	15.3
82.5°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	14.3	17.4	21.9	26.2
80°	0.0	2.6	5.3	7.9	10.5	13.1	16.2	22.3	28.2	33.7	38.9
77.5°	0.0	3.3	6.6	9.8	13.1	17.7	24.7	31.9	38.9	45.4	52.4
75°	0.0	3.9	7.9	11.8	16.2	24.7	33.1	41.5	49.7	59.3	68.7
72.5°	0.0	4.6	9.1	13.7	21.8	31.6	41.4	51.5	62.8	73.9	84.9
70°	0.0	5.2	10.4	16.0	27.3	38.4	49.7	62.8	75.6	88.3	101.6
67.5°	0.0	5.8	11.6	20.0	32.7	45.2	59.2	73.9	88.3	103.2	118.3
65°	0.0	6.4	12.8	24.0	38.0	52.3	68.5	84.9	101.1	117.7	135.3
62.5°	0.0	7.0	14.0	27.9	43.2	59.8	77.6	95.6	113.6	132.3	153.6
60°	0.0	7.6	15.2	31.7	48.2	67.0	86.4	106.1	125.7	148.2	171.4
57.5°	0.0	8.2	17.6	35.5	53.8	74.1	95.2	116.3	138.9	163.6	188.2
55°	0.0	8.7	20.0	39.1	59.2	80.9	103.9	126.3	152.0	178.5	204.3
52.5°	0.0	9.3	22.3	42.6	64.4	87.6	112.3	137.3	164.7	192.5	220.0
50°	0.0	9.8	24.5	46.0	69.5	94.5	120.5	148.0	176.9	206.2	235.1
47.5°	0.0	10.3	26.6	49.4	74.3	101.2	128.6	158.3	188.6	219.3	249.8
45°	0.0	10.7	28.6	52.8	78.9	107.6	137.0	168.2	199.8	231.9	263.8
42.5°	0.0	11.2	30.5	56.1	83.3	113.9	145.0	177.5	210.6	244.1	277.1
40°	0.0	11.6	32.3	59.2	87.8	119.8	152.6	186.4	220.8	255.6	289.9
37.5°	0.0	12.1	34.0	62.0	92.3	125.5	159.8	194.7	230.6	266.8	302.2
35°	0.0	12.4	35.6	64.7	96.6	131.1	166.5	202.5	240.1	277.2	313.7
32.5°	0.0	12.8	37.1	67.1	100.6	136.3	172.7	209.7	249.0	287.0	323.8
30°	0.0	13.2	38.5	69.5	104.4	141.2	178.5	216.5	257.4	295.9	333.2
27.5°	0.0	13.5	39.7	71.6	107.8	145.7	183.8	223.2	265.1	304.1	341.9
25°	0.0	13.8	40.8	73.5	110.9	149.8	188.6	229.5	271.7	311.3	349.9
22.5°	0.0	14.0	41.9	75.3	113.7	153.4	192.9	235.1	277.7	317.7	357.1
20°	0.0	14.3	42.7	76.8	116.1	156.5	196.7	240.3	283.0	323.5	363.6
17.5°	0.0	14.5	43.5	78.2	118.3	159.2	200.2	244.9	287.6	328.5	369.2
15°	0.0	14.7	44.2	79.3	120.1	161.5	203.3	249.0	291.5	332.8	374.0
12.5°	0.0	14.8	44.7	80.3	121.6	163.4	206.0	252.6	294.9	336.3	378.0
10°	0.0	15.0	45.1	81.0	122.8	164.9	208.2	255.6	297.9	339.7	381.4
7.5°	0.0	15.1	45.4	81.6	123.7	166.0	210.0	257.9	300.3	342.4	384.4
5°	0.0	15.1	45.5	81.9	124.3	166.7	211.3	259.6	302.0	344.3	386.6
2.5°	0.0	15.2	45.6	82.0	124.5	166.9	212.0	260.6	303.0	345.4	387.9
0°	0.0	15.2	45.5	81.9	124.4	166.8	212.3	260.9	303.3	345.8	388.3
-2.5°	0.0	15.2	45.6	82.0	124.5	166.9	212.0	260.6	303.0	345.4	387.9
-5°	0.0	15.1	45.5	81.9	124.3	166.7	211.3	259.6	302.0	344.3	386.6
-7.5°	0.0	15.1	45.4	81.6	123.7	166.0	210.0	257.9	300.3	342.4	384.4
-10°	0.0	15.0	45.1	81.0	122.8	164.9	208.2	255.6	297.9	339.7	381.4
-12.5°	0.0	14.8	44.7	80.3	121.6	163.4	206.0	252.6	294.9	336.3	378.0
-15°	0.0	14.7	44.2	79.3	120.1	161.5	203.3	249.0	291.5	332.8	374.0
-17.5°	0.0	14.5	43.5	78.2	118.3	159.2	200.2	244.9	287.6	328.5	369.2
-20°	0.0	14.3	42.7	76.8	116.1	156.5	196.7	240.3	283.0	323.5	363.6

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CATALOG NUMBER: GFLD-SA2E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.0	41.9	75.3	113.7	153.4	192.9	235.1	277.7	317.7	357.1
-25°	0.0	13.8	40.8	73.5	110.9	149.8	188.6	229.5	271.7	311.3	349.9
-27.5°	0.0	13.5	39.7	71.6	107.8	145.7	183.8	223.2	265.1	304.1	341.9
-30°	0.0	13.2	38.5	69.5	104.4	141.2	178.5	216.5	257.4	295.9	333.2
-32.5°	0.0	12.8	37.1	67.1	100.6	136.3	172.7	209.7	249.0	287.0	323.8
-35°	0.0	12.4	35.6	64.7	96.6	131.1	166.5	202.5	240.1	277.2	313.7
-37.5°	0.0	12.1	34.0	62.0	92.3	125.5	159.8	194.7	230.6	266.8	302.2
-40°	0.0	11.6	32.3	59.2	87.8	119.8	152.6	186.4	220.8	255.6	289.9
-42.5°	0.0	11.2	30.5	56.1	83.3	113.9	145.0	177.5	210.6	244.1	277.1
-45°	0.0	10.7	28.6	52.8	78.9	107.6	137.0	168.2	199.8	231.9	263.8
-47.5°	0.0	10.3	26.6	49.4	74.3	101.2	128.6	158.3	188.6	219.3	249.8
-50°	0.0	9.8	24.5	46.0	69.5	94.5	120.5	148.0	176.9	206.2	235.1
-52.5°	0.0	9.3	22.3	42.6	64.4	87.6	112.3	137.3	164.7	192.5	220.0
-55°	0.0	8.7	20.0	39.1	59.2	80.9	103.9	126.3	152.0	178.5	204.3
-57.5°	0.0	8.2	17.6	35.5	53.8	74.1	95.2	116.3	138.9	163.6	188.2
-60°	0.0	7.6	15.2	31.7	48.2	67.0	86.4	106.1	125.7	148.2	171.4
-62.5°	0.0	7.0	14.0	27.9	43.2	59.8	77.6	95.6	113.6	132.3	153.6
-65°	0.0	6.4	12.8	24.0	38.0	52.3	68.5	84.9	101.1	117.7	135.3
-67.5°	0.0	5.8	11.6	20.0	32.7	45.2	59.2	73.9	88.3	103.2	118.3
-70°	0.0	5.2	10.4	16.0	27.3	38.4	49.7	62.8	75.6	88.3	101.6
-72.5°	0.0	4.6	9.1	13.7	21.8	31.6	41.4	51.5	62.8	73.9	84.9
-75°	0.0	3.9	7.9	11.8	16.2	24.7	33.1	41.5	49.7	59.3	68.7
-77.5°	0.0	3.3	6.6	9.8	13.1	17.7	24.7	31.9	38.9	45.4	52.4
-80°	0.0	2.6	5.3	7.9	10.5	13.1	16.2	22.3	28.2	33.7	38.9
-82.5°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	14.3	17.4	21.9	26.2
-85°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.6	11.4	13.3	15.3
-87.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.8	5.7	6.7	7.7
-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°	8.4	9.1	9.8	10.4	11.1	11.7	12.3	12.9	13.4	13.9	14.4
85°	16.8	18.2	20.6	23.1	25.4	27.7	29.9	32.0	34.0	35.9	37.8
82.5°	30.1	34.0	38.0	42.1	45.7	49.1	52.5	55.9	59.3	62.8	66.2
80°	44.2	49.7	56.0	61.9	67.2	72.1	76.9	81.5	86.5	91.8	97.2
77.5°	60.5	68.4	75.7	82.6	89.2	96.4	103.4	110.1	117.1	124.0	130.6
75°	78.1	87.0	96.4	105.6	114.5	123.2	131.7	140.3	149.1	157.8	166.1
72.5°	96.2	107.5	118.5	129.2	140.4	151.2	161.7	171.8	182.3	192.9	203.1
70°	114.9	127.8	141.4	154.6	167.1	179.8	192.6	205.0	217.1	229.4	241.6
67.5°	133.8	150.1	165.4	180.0	194.8	209.7	224.2	238.9	253.2	267.5	281.2
65°	154.7	172.4	189.2	205.9	222.7	240.2	257.2	273.7	290.3	306.3	320.7
62.5°	175.2	194.0	212.6	231.6	251.6	271.2	289.8	308.7	328.0	344.7	359.3
60°	194.0	214.9	235.7	257.3	279.4	300.5	321.4	342.0	362.7	382.0	393.9
57.5°	212.2	235.3	258.3	281.6	304.9	328.5	350.4	373.0	392.2	408.5	422.3
55°	229.9	254.9	279.4	303.9	329.1	353.7	377.6	399.1	417.8	431.4	444.8
52.5°	247.1	273.5	298.8	325.3	352.0	378.2	403.2	423.1	438.5	452.4	464.8
50°	263.8	290.6	317.4	346.1	374.3	402.0	425.5	442.9	458.6	472.1	485.1
47.5°	279.4	307.4	336.0	366.2	395.9	422.7	444.3	462.5	478.4	493.0	508.4
45°	294.4	324.2	354.4	385.6	415.9	441.8	462.5	482.1	497.1	513.6	531.3
42.5°	309.0	340.3	372.0	404.2	434.8	459.0	479.7	497.7	515.3	534.8	556.2
40°	322.9	355.5	388.6	422.1	452.6	474.0	494.3	513.4	534.8	558.0	582.7
37.5°	336.0	369.8	404.1	438.9	465.7	487.8	508.6	529.8	554.7	581.5	615.2
35°	348.1	383.1	418.6	451.9	477.4	500.8	522.4	546.1	575.2	610.2	653.3
32.5°	359.4	395.4	431.9	462.5	488.3	512.5	534.7	564.3	599.2	640.9	701.9
30°	369.9	406.7	443.3	472.9	498.0	522.4	549.4	582.7	623.5	684.5	762.4
27.5°	379.5	416.9	452.2	481.5	506.7	531.9	563.4	603.8	657.6	730.3	827.2
25°	388.4	426.6	460.7	488.8	514.8	542.7	577.0	622.4	693.1	787.0	918.0
22.5°	396.4	435.5	469.0	495.0	522.4	552.6	592.6	649.4	730.9	840.5	1009.5
20°	403.6	442.1	475.1	501.0	529.4	560.8	606.5	675.1	773.3	915.3	1131.0
17.5°	409.8	448.0	479.7	506.7	536.2	570.1	620.1	697.2	811.0	980.5	1253.8
15°	415.2	453.0	483.6	511.6	542.2	580.7	638.9	726.2	854.8	1048.4	1360.8
12.5°	419.7	457.1	486.8	515.5	547.0	589.6	655.0	753.6	900.2	1131.7	1518.5
10°	423.2	460.3	489.3	518.6	550.9	596.7	668.1	776.0	937.8	1203.9	1653.1
7.5°	426.5	462.7	490.9	520.8	553.6	602.0	678.0	793.2	966.7	1260.5	1759.5
5°	428.9	464.1	491.9	522.0	555.9	605.5	684.8	805.2	986.6	1301.0	1834.4
2.5°	430.3	464.6	492.0	522.4	557.6	607.0	688.3	811.8	1002.3	1320.2	1874.7
0°	430.8	464.1	491.4	521.8	558.2	606.7	688.6	813.0	1010.1	1319.6	1880.7
-2.5°	430.3	464.6	492.0	522.4	557.6	607.0	688.3	811.8	1002.3	1320.2	1874.7
-5°	428.9	464.1	491.9	522.0	555.9	605.5	684.8	805.2	986.6	1301.0	1834.4
-7.5°	426.5	462.7	490.9	520.8	553.6	602.0	678.0	793.2	966.7	1260.5	1759.5
-10°	423.2	460.3	489.3	518.6	550.9	596.7	668.1	776.0	937.8	1203.9	1653.1
-12.5°	419.7	457.1	486.8	515.5	547.0	589.6	655.0	753.6	900.2	1131.7	1518.5
-15°	415.2	453.0	483.6	511.6	542.2	580.7	638.9	726.2	854.8	1048.4	1360.8
-17.5°	409.8	448.0	479.7	506.7	536.2	570.1	620.1	697.2	811.0	980.5	1253.8
-20°	403.6	442.1	475.1	501.0	529.4	560.8	606.5	675.1	773.3	915.3	1131.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	396.4	435.5	469.0	495.0	522.4	552.6	592.6	649.4	730.9	840.5	1009.5
-25°	388.4	426.6	460.7	488.8	514.8	542.7	577.0	622.4	693.1	787.0	918.0
-27.5°	379.5	416.9	452.2	481.5	506.7	531.9	563.4	603.8	657.6	730.3	827.2
-30°	369.9	406.7	443.3	472.9	498.0	522.4	549.4	582.7	623.5	684.5	762.4
-32.5°	359.4	395.4	431.9	462.5	488.3	512.5	534.7	564.3	599.2	640.9	701.9
-35°	348.1	383.1	418.6	451.9	477.4	500.8	522.4	546.1	575.2	610.2	653.3
-37.5°	336.0	369.8	404.1	438.9	465.7	487.8	508.6	529.8	554.7	581.5	615.2
-40°	322.9	355.5	388.6	422.1	452.6	474.0	494.3	513.4	534.8	558.0	582.7
-42.5°	309.0	340.3	372.0	404.2	434.8	459.0	479.7	497.7	515.3	534.8	556.2
-45°	294.4	324.2	354.4	385.6	415.9	441.8	462.5	482.1	497.1	513.6	531.3
-47.5°	279.4	307.4	336.0	366.2	395.9	422.7	444.3	462.5	478.4	493.0	508.4
-50°	263.8	290.6	317.4	346.1	374.3	402.0	425.5	442.9	458.6	472.1	485.1
-52.5°	247.1	273.5	298.8	325.3	352.0	378.2	403.2	423.1	438.5	452.4	464.8
-55°	229.9	254.9	279.4	303.9	329.1	353.7	377.6	399.1	417.8	431.4	444.8
-57.5°	212.2	235.3	258.3	281.6	304.9	328.5	350.4	373.0	392.2	408.5	422.3
-60°	194.0	214.9	235.7	257.3	279.4	300.5	321.4	342.0	362.7	382.0	393.9
-62.5°	175.2	194.0	212.6	231.6	251.6	271.2	289.8	308.7	328.0	344.7	359.3
-65°	154.7	172.4	189.2	205.9	222.7	240.2	257.2	273.7	290.3	306.3	320.7
-67.5°	133.8	150.1	165.4	180.0	194.8	209.7	224.2	238.9	253.2	267.5	281.2
-70°	114.9	127.8	141.4	154.6	167.1	179.8	192.6	205.0	217.1	229.4	241.6
-72.5°	96.2	107.5	118.5	129.2	140.4	151.2	161.7	171.8	182.3	192.9	203.1
-75°	78.1	87.0	96.4	105.6	114.5	123.2	131.7	140.3	149.1	157.8	166.1
-77.5°	60.5	68.4	75.7	82.6	89.2	96.4	103.4	110.1	117.1	124.0	130.6
-80°	44.2	49.7	56.0	61.9	67.2	72.1	76.9	81.5	86.5	91.8	97.2
-82.5°	30.1	34.0	38.0	42.1	45.7	49.1	52.5	55.9	59.3	62.8	66.2
-85°	16.8	18.2	20.6	23.1	25.4	27.7	29.9	32.0	34.0	35.9	37.8
-87.5°	8.4	9.1	9.8	10.4	11.1	11.7	12.3	12.9	13.4	13.9	14.4
-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: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-MWR-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°	14.9	14.7	14.5	14.2	13.8	14.7	15.7	16.6	17.6	17.0	16.4
85°	39.5	40.4	41.1	41.8	42.3	44.2	46.0	47.7	49.3	49.3	49.0
82.5°	69.5	71.7	73.6	75.4	76.9	79.1	81.1	82.8	84.3	85.3	86.3
80°	102.4	106.0	109.1	111.9	114.5	117.4	120.1	122.5	124.6	125.7	126.4
77.5°	137.2	142.5	147.2	151.7	156.0	160.2	164.1	167.6	170.6	171.3	171.1
75°	174.0	181.1	187.8	194.0	199.7	204.6	208.8	212.3	215.1	216.5	217.3
72.5°	212.8	221.5	229.4	236.5	242.5	247.6	252.0	255.8	259.0	261.0	262.2
70°	253.2	263.6	271.6	278.3	283.5	288.5	294.2	299.6	304.6	307.5	308.5
67.5°	293.8	304.5	311.9	318.0	322.8	327.7	334.8	341.2	346.9	350.8	353.2
65°	333.4	344.7	352.2	358.0	362.4	367.3	375.3	381.7	386.5	390.3	393.8
62.5°	372.7	384.1	392.4	399.3	405.7	411.1	417.6	423.0	427.1	430.9	435.2
60°	406.7	420.3	428.9	435.9	443.8	452.3	457.1	461.1	464.6	467.7	470.3
57.5°	434.5	446.5	457.6	466.1	474.3	482.3	487.9	491.7	494.7	497.0	497.9
55°	457.7	470.2	482.6	491.8	499.8	507.2	513.5	518.3	522.4	525.5	526.3
52.5°	478.5	492.5	504.7	515.3	526.0	534.7	541.5	548.1	553.9	558.6	560.6
50°	501.1	515.8	531.1	545.2	556.5	566.5	574.8	584.2	594.1	602.3	607.4
47.5°	525.0	541.9	560.3	577.6	591.1	605.9	619.7	633.6	652.0	667.5	679.0
45°	549.9	571.6	592.6	614.6	633.2	661.1	687.0	709.2	738.7	765.5	786.8
42.5°	579.3	606.3	632.1	667.4	704.5	742.5	783.7	818.7	864.9	911.9	949.8
40°	614.2	648.7	694.0	741.5	800.0	852.3	923.3	986.6	1057.4	1147.0	1221.0
37.5°	656.1	709.3	772.4	838.6	929.7	1016.8	1134.2	1257.9	1370.1	1542.4	1687.3
35°	710.6	784.9	868.1	985.2	1114.2	1277.4	1460.5	1699.4	1904.2	2194.8	2472.5
32.5°	780.8	876.4	1012.1	1193.0	1383.7	1680.0	1970.5	2385.2	2769.3	3229.9	3726.9
30°	859.0	1004.4	1211.8	1459.9	1815.6	2251.5	2763.5	3400.6	4097.7	4745.1	5382.9
27.5°	972.2	1180.6	1453.1	1853.4	2407.7	3017.6	3914.8	4779.5	5681.7	6483.7	7152.5
25°	1104.5	1379.8	1801.2	2390.6	3140.3	4184.6	5258.6	6325.8	7296.0	8135.7	8874.7
22.5°	1275.2	1671.3	2233.0	2996.5	4163.9	5415.5	6674.9	7852.1	8887.0	9821.9	10621.9
20°	1461.0	1956.5	2758.8	3897.1	5232.2	6658.1	8080.2	9334.1	10473.7	11533.7	12435.4
17.5°	1696.4	2390.4	3406.3	4771.9	6315.5	7877.7	9371.7	10732.4	12025.3	13147.0	14089.1
15°	1897.0	2772.4	4098.3	5699.9	7369.5	9017.5	10594.7	12072.8	13417.0	14567.9	15453.5
12.5°	2164.6	3200.6	4712.7	6497.7	8307.0	10041.1	11702.4	13230.1	14598.0	15736.2	16425.7
10°	2417.5	3643.9	5306.6	7168.1	9047.9	10895.4	12669.2	14236.0	15506.1	16411.5	16999.1
7.5°	2632.6	4024.9	5789.7	7710.0	9636.5	11568.1	13363.6	14888.1	16059.1	16815.3	17224.3
5°	2793.2	4309.7	6148.3	8150.3	10127.1	12092.6	13874.2	15305.3	16317.4	16879.2	17084.5
2.5°	2895.5	4477.0	6356.4	8439.2	10455.5	12424.5	14224.4	15633.0	16491.8	16864.1	16899.5
0°	2936.4	4498.6	6388.5	8590.8	10538.3	12519.1	14324.0	15767.9	16556.6	16863.0	16857.0
-2.5°	2895.5	4477.0	6356.4	8439.2	10455.5	12424.5	14224.4	15633.0	16491.8	16864.1	16899.5
-5°	2793.2	4309.7	6148.3	8150.3	10127.1	12092.6	13874.2	15305.3	16317.4	16879.2	17084.5
-7.5°	2632.6	4024.9	5789.7	7710.0	9636.5	11568.1	13363.6	14888.1	16059.1	16815.3	17224.3
-10°	2417.5	3643.9	5306.6	7168.1	9047.9	10895.4	12669.2	14236.0	15506.1	16411.5	16999.1
-12.5°	2164.6	3200.6	4712.7	6497.7	8307.0	10041.1	11702.4	13230.1	14598.0	15736.2	16425.7
-15°	1897.0	2772.4	4098.3	5699.9	7369.5	9017.5	10594.7	12072.8	13417.0	14567.9	15453.5
-17.5°	1696.4	2390.4	3406.3	4771.9	6315.5	7877.7	9371.7	10732.4	12025.3	13147.0	14089.1
-20°	1461.0	1956.5	2758.8	3897.1	5232.2	6658.1	8080.2	9334.1	10473.7	11533.7	12435.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1275.2	1671.3	2233.0	2996.5	4163.9	5415.5	6674.9	7852.1	8887.0	9821.9	10621.9
-25°	1104.5	1379.8	1801.2	2390.6	3140.3	4184.6	5258.6	6325.8	7296.0	8135.7	8874.7
-27.5°	972.2	1180.6	1453.1	1853.4	2407.7	3017.6	3914.8	4779.5	5681.7	6483.7	7152.5
-30°	859.0	1004.4	1211.8	1459.9	1815.6	2251.5	2763.5	3400.6	4097.7	4745.1	5382.9
-32.5°	780.8	876.4	1012.1	1193.0	1383.7	1680.0	1970.5	2385.2	2769.3	3229.9	3726.9
-35°	710.6	784.9	868.1	985.2	1114.2	1277.4	1460.5	1699.4	1904.2	2194.8	2472.5
-37.5°	656.1	709.3	772.4	838.6	929.7	1016.8	1134.2	1257.9	1370.1	1542.4	1687.3
-40°	614.2	648.7	694.0	741.5	800.0	852.3	923.3	986.6	1057.4	1147.0	1221.0
-42.5°	579.3	606.3	632.1	667.4	704.5	742.5	783.7	818.7	864.9	911.9	949.8
-45°	549.9	571.6	592.6	614.6	633.2	661.1	687.0	709.2	738.7	765.5	786.8
-47.5°	525.0	541.9	560.3	577.6	591.1	605.9	619.7	633.6	652.0	667.5	679.0
-50°	501.1	515.8	531.1	545.2	556.5	566.5	574.8	584.2	594.1	602.3	607.4
-52.5°	478.5	492.5	504.7	515.3	526.0	534.7	541.5	548.1	553.9	558.6	560.6
-55°	457.7	470.2	482.6	491.8	499.8	507.2	513.5	518.3	522.4	525.5	526.3
-57.5°	434.5	446.5	457.6	466.1	474.3	482.3	487.9	491.7	494.7	497.0	497.9
-60°	406.7	420.3	428.9	435.9	443.8	452.3	457.1	461.1	464.6	467.7	470.3
-62.5°	372.7	384.1	392.4	399.3	405.7	411.1	417.6	423.0	427.1	430.9	435.2
-65°	333.4	344.7	352.2	358.0	362.4	367.3	375.3	381.7	386.5	390.3	393.8
-67.5°	293.8	304.5	311.9	318.0	322.8	327.7	334.8	341.2	346.9	350.8	353.2
-70°	253.2	263.6	271.6	278.3	283.5	288.5	294.2	299.6	304.6	307.5	308.5
-72.5°	212.8	221.5	229.4	236.5	242.5	247.6	252.0	255.8	259.0	261.0	262.2
-75°	174.0	181.1	187.8	194.0	199.7	204.6	208.8	212.3	215.1	216.5	217.3
-77.5°	137.2	142.5	147.2	151.7	156.0	160.2	164.1	167.6	170.6	171.3	171.1
-80°	102.4	106.0	109.1	111.9	114.5	117.4	120.1	122.5	124.6	125.7	126.4
-82.5°	69.5	71.7	73.6	75.4	76.9	79.1	81.1	82.8	84.3	85.3	86.3
-85°	39.5	40.4	41.1	41.8	42.3	44.2	46.0	47.7	49.3	49.3	49.0
-87.5°	14.9	14.7	14.5	14.2	13.8	14.7	15.7	16.6	17.6	17.0	16.4
-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: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-MWR-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°	15.8	15.1	15.2	15.2	15.2	15.1	15.8	16.4	17.0	17.6	16.6
85°	48.7	48.3	46.9	45.5	46.9	48.3	48.7	49.0	49.3	49.3	47.7
82.5°	87.0	87.5	86.4	84.9	86.4	87.5	87.0	86.3	85.3	84.3	82.8
80°	126.8	126.8	125.8	124.4	125.8	126.8	126.8	126.4	125.7	124.6	122.5
77.5°	170.4	169.2	169.7	169.9	169.7	169.2	170.4	171.1	171.3	170.6	167.6
75°	217.6	217.4	216.7	215.4	216.7	217.4	217.6	217.3	216.5	215.1	212.3
72.5°	262.8	262.8	262.2	260.9	262.2	262.8	262.8	262.2	261.0	259.0	255.8
70°	308.8	308.2	309.0	309.4	309.0	308.2	308.8	308.5	307.5	304.6	299.6
67.5°	355.1	356.3	356.1	354.9	356.1	356.3	355.1	353.2	350.8	346.9	341.2
65°	396.6	398.7	400.0	400.4	400.0	398.7	396.6	393.8	390.3	386.5	381.7
62.5°	438.6	441.0	441.1	439.9	441.1	441.0	438.6	435.2	430.9	427.1	423.0
60°	471.7	472.1	471.6	470.2	471.6	472.1	471.7	470.3	467.7	464.6	461.1
57.5°	497.8	497.0	495.9	494.5	495.9	497.0	497.8	497.9	497.0	494.7	491.7
55°	525.9	524.4	523.2	521.8	523.2	524.4	525.9	526.3	525.5	522.4	518.3
52.5°	561.1	560.3	559.5	558.2	559.5	560.3	561.1	560.6	558.6	553.9	548.1
50°	610.1	610.9	610.8	609.7	610.8	610.9	610.1	607.4	602.3	594.1	584.2
47.5°	686.2	690.3	693.0	694.7	693.0	690.3	686.2	679.0	667.5	652.0	633.6
45°	800.4	808.5	814.2	819.0	814.2	808.5	800.4	786.8	765.5	738.7	709.2
42.5°	976.5	994.6	1003.2	1001.0	1003.2	994.6	976.5	949.8	911.9	864.9	818.7
40°	1270.3	1299.5	1315.8	1328.7	1315.8	1299.5	1270.3	1221.0	1147.0	1057.4	986.6
37.5°	1786.2	1843.0	1872.9	1898.9	1872.9	1843.0	1786.2	1687.3	1542.4	1370.1	1257.9
35°	2680.0	2807.8	2876.2	2900.0	2876.2	2807.8	2680.0	2472.5	2194.8	1904.2	1699.4
32.5°	4113.6	4349.4	4479.8	4580.5	4479.8	4349.4	4113.6	3726.9	3229.9	2769.3	2385.2
30°	5888.0	6198.5	6371.0	6455.2	6371.0	6198.5	5888.0	5382.9	4745.1	4097.7	3400.6
27.5°	7706.9	8060.0	8245.9	8235.9	8245.9	8060.0	7706.9	7152.5	6483.7	5681.7	4779.5
25°	9508.2	9917.1	10102.5	10268.3	10102.5	9917.1	9508.2	8874.7	8135.7	7296.0	6325.8
22.5°	11330.0	11808.2	12069.1	12191.5	12069.1	11808.2	11330.0	10621.9	9821.9	8887.0	7852.1
20°	13130.2	13662.5	13939.5	14060.1	13939.5	13662.5	13130.2	12435.4	11533.7	10473.7	9334.1
17.5°	14726.8	15246.4	15510.4	15622.3	15510.4	15246.4	14726.8	14089.1	13147.0	12025.3	10732.4
15°	16001.6	16384.9	16609.4	16668.9	16609.4	16384.9	16001.6	15453.5	14567.9	13417.0	12072.8
12.5°	16882.8	17031.3	17139.3	17172.4	17139.3	17031.3	16882.8	16425.7	15736.2	14598.0	13230.1
10°	17333.4	17266.3	17238.7	17242.2	17238.7	17266.3	17333.4	16999.1	16411.5	15506.1	14236.0
7.5°	17302.4	17203.2	17004.0	16972.2	17004.0	17203.2	17302.4	17224.3	16815.3	16059.1	14888.1
5°	17053.8	16873.2	16542.5	16447.4	16542.5	16873.2	17053.8	17084.5	16879.2	16317.4	15305.3
2.5°	16764.1	16438.5	16133.8	15937.8	16133.8	16438.5	16764.1	16899.5	16864.1	16491.8	15633.0
0°	16678.0	16301.8	15907.5	15780.1	15907.5	16301.8	16678.0	16857.0	16863.0	16556.6	15767.9
-2.5°	16764.1	16438.5	16133.8	15937.8	16133.8	16438.5	16764.1	16899.5	16864.1	16491.8	15633.0
-5°	17053.8	16873.2	16542.5	16447.4	16542.5	16873.2	17053.8	17084.5	16879.2	16317.4	15305.3
-7.5°	17302.4	17203.2	17004.0	16972.2	17004.0	17203.2	17302.4	17224.3	16815.3	16059.1	14888.1
-10°	17333.4	17266.3	17238.7	17242.2	17238.7	17266.3	17333.4	16999.1	16411.5	15506.1	14236.0
-12.5°	16882.8	17031.3	17139.3	17172.4	17139.3	17031.3	16882.8	16425.7	15736.2	14598.0	13230.1
-15°	16001.6	16384.9	16609.4	16668.9	16609.4	16384.9	16001.6	15453.5	14567.9	13417.0	12072.8
-17.5°	14726.8	15246.4	15510.4	15622.3	15510.4	15246.4	14726.8	14089.1	13147.0	12025.3	10732.4
-20°	13130.2	13662.5	13939.5	14060.1	13939.5	13662.5	13130.2	12435.4	11533.7	10473.7	9334.1



REPORT NUMBER: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11330.0	11808.2	12069.1	12191.5	12069.1	11808.2	11330.0	10621.9	9821.9	8887.0	7852.1
-25°	9508.2	9917.1	10102.5	10268.3	10102.5	9917.1	9508.2	8874.7	8135.7	7296.0	6325.8
-27.5°	7706.9	8060.0	8245.9	8235.9	8245.9	8060.0	7706.9	7152.5	6483.7	5681.7	4779.5
-30°	5888.0	6198.5	6371.0	6455.2	6371.0	6198.5	5888.0	5382.9	4745.1	4097.7	3400.6
-32.5°	4113.6	4349.4	4479.8	4580.5	4479.8	4349.4	4113.6	3726.9	3229.9	2769.3	2385.2
-35°	2680.0	2807.8	2876.2	2900.0	2876.2	2807.8	2680.0	2472.5	2194.8	1904.2	1699.4
-37.5°	1786.2	1843.0	1872.9	1898.9	1872.9	1843.0	1786.2	1687.3	1542.4	1370.1	1257.9
-40°	1270.3	1299.5	1315.8	1328.7	1315.8	1299.5	1270.3	1221.0	1147.0	1057.4	986.6
-42.5°	976.5	994.6	1003.2	1001.0	1003.2	994.6	976.5	949.8	911.9	864.9	818.7
-45°	800.4	808.5	814.2	819.0	814.2	808.5	800.4	786.8	765.5	738.7	709.2
-47.5°	686.2	690.3	693.0	694.7	693.0	690.3	686.2	679.0	667.5	652.0	633.6
-50°	610.1	610.9	610.8	609.7	610.8	610.9	610.1	607.4	602.3	594.1	584.2
-52.5°	561.1	560.3	559.5	558.2	559.5	560.3	561.1	560.6	558.6	553.9	548.1
-55°	525.9	524.4	523.2	521.8	523.2	524.4	525.9	526.3	525.5	522.4	518.3
-57.5°	497.8	497.0	495.9	494.5	495.9	497.0	497.8	497.9	497.0	494.7	491.7
-60°	471.7	472.1	471.6	470.2	471.6	472.1	471.7	470.3	467.7	464.6	461.1
-62.5°	438.6	441.0	441.1	439.9	441.1	441.0	438.6	435.2	430.9	427.1	423.0
-65°	396.6	398.7	400.0	400.4	400.0	398.7	396.6	393.8	390.3	386.5	381.7
-67.5°	355.1	356.3	356.1	354.9	356.1	356.3	355.1	353.2	350.8	346.9	341.2
-70°	308.8	308.2	309.0	309.4	309.0	308.2	308.8	308.5	307.5	304.6	299.6
-72.5°	262.8	262.8	262.2	260.9	262.2	262.8	262.8	262.2	261.0	259.0	255.8
-75°	217.6	217.4	216.7	215.4	216.7	217.4	217.6	217.3	216.5	215.1	212.3
-77.5°	170.4	169.2	169.7	169.9	169.7	169.2	170.4	171.1	171.3	170.6	167.6
-80°	126.8	126.8	125.8	124.4	125.8	126.8	126.8	126.4	125.7	124.6	122.5
-82.5°	87.0	87.5	86.4	84.9	86.4	87.5	87.0	86.3	85.3	84.3	82.8
-85°	48.7	48.3	46.9	45.5	46.9	48.3	48.7	49.0	49.3	49.3	47.7
-87.5°	15.8	15.1	15.2	15.2	15.2	15.1	15.8	16.4	17.0	17.6	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



REPORT NUMBER: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-MWR-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°	15.7	14.7	13.8	14.2	14.5	14.7	14.9	14.4	13.9	13.4	12.9
85°	46.0	44.2	42.3	41.8	41.1	40.4	39.5	37.8	35.9	34.0	32.0
82.5°	81.1	79.1	76.9	75.4	73.6	71.7	69.5	66.2	62.8	59.3	55.9
80°	120.1	117.4	114.5	111.9	109.1	106.0	102.4	97.2	91.8	86.5	81.5
77.5°	164.1	160.2	156.0	151.7	147.2	142.5	137.2	130.6	124.0	117.1	110.1
75°	208.8	204.6	199.7	194.0	187.8	181.1	174.0	166.1	157.8	149.1	140.3
72.5°	252.0	247.6	242.5	236.5	229.4	221.5	212.8	203.1	192.9	182.3	171.8
70°	294.2	288.5	283.5	278.3	271.6	263.6	253.2	241.6	229.4	217.1	205.0
67.5°	334.8	327.7	322.8	318.0	311.9	304.5	293.8	281.2	267.5	253.2	238.9
65°	375.3	367.3	362.4	358.0	352.2	344.7	333.4	320.7	306.3	290.3	273.7
62.5°	417.6	411.1	405.7	399.3	392.4	384.1	372.7	359.3	344.7	328.0	308.7
60°	457.1	452.3	443.8	435.9	428.9	420.3	406.7	393.9	382.0	362.7	342.0
57.5°	487.9	482.3	474.3	466.1	457.6	446.5	434.5	422.3	408.5	392.2	373.0
55°	513.5	507.2	499.8	491.8	482.6	470.2	457.7	444.8	431.4	417.8	399.1
52.5°	541.5	534.7	526.0	515.3	504.7	492.5	478.5	464.8	452.4	438.5	423.1
50°	574.8	566.5	556.5	545.2	531.1	515.8	501.1	485.1	472.1	458.6	442.9
47.5°	619.7	605.9	591.1	577.6	560.3	541.9	525.0	508.4	493.0	478.4	462.5
45°	687.0	661.1	633.2	614.6	592.6	571.6	549.9	531.3	513.6	497.1	482.1
42.5°	783.7	742.5	704.5	667.4	632.1	606.3	579.3	556.2	534.8	515.3	497.7
40°	923.3	852.3	800.0	741.5	694.0	648.7	614.2	582.7	558.0	534.8	513.4
37.5°	1134.2	1016.8	929.7	838.6	772.4	709.3	656.1	615.2	581.5	554.7	529.8
35°	1460.5	1277.4	1114.2	985.2	868.1	784.9	710.6	653.3	610.2	575.2	546.1
32.5°	1970.5	1680.0	1383.7	1193.0	1012.1	876.4	780.8	701.9	640.9	599.2	564.3
30°	2763.5	2251.5	1815.6	1459.9	1211.8	1004.4	859.0	762.4	684.5	623.5	582.7
27.5°	3914.8	3017.6	2407.7	1853.4	1453.1	1180.6	972.2	827.2	730.3	657.6	603.8
25°	5258.6	4184.6	3140.3	2390.6	1801.2	1379.8	1104.5	918.0	787.0	693.1	622.4
22.5°	6674.9	5415.5	4163.9	2996.5	2233.0	1671.3	1275.2	1009.5	840.5	730.9	649.4
20°	8080.2	6658.1	5232.2	3897.1	2758.8	1956.5	1461.0	1131.0	915.3	773.3	675.1
17.5°	9371.7	7877.7	6315.5	4771.9	3406.3	2390.4	1696.4	1253.8	980.5	811.0	697.2
15°	10594.7	9017.5	7369.5	5699.9	4098.3	2772.4	1897.0	1360.8	1048.4	854.8	726.2
12.5°	11702.4	10041.1	8307.0	6497.7	4712.7	3200.6	2164.6	1518.5	1131.7	900.2	753.6
10°	12669.2	10895.4	9047.9	7168.1	5306.6	3643.9	2417.5	1653.1	1203.9	937.8	776.0
7.5°	13363.6	11568.1	9636.5	7710.0	5789.7	4024.9	2632.6	1759.5	1260.5	966.7	793.2
5°	13874.2	12092.6	10127.1	8150.3	6148.3	4309.7	2793.2	1834.4	1301.0	986.6	805.2
2.5°	14224.4	12424.5	10455.5	8439.2	6356.4	4477.0	2895.5	1874.7	1320.2	1002.3	811.8
0°	14324.0	12519.1	10538.3	8590.8	6388.5	4498.6	2936.4	1880.7	1319.6	1010.1	813.0
-2.5°	14224.4	12424.5	10455.5	8439.2	6356.4	4477.0	2895.5	1874.7	1320.2	1002.3	811.8
-5°	13874.2	12092.6	10127.1	8150.3	6148.3	4309.7	2793.2	1834.4	1301.0	986.6	805.2
-7.5°	13363.6	11568.1	9636.5	7710.0	5789.7	4024.9	2632.6	1759.5	1260.5	966.7	793.2
-10°	12669.2	10895.4	9047.9	7168.1	5306.6	3643.9	2417.5	1653.1	1203.9	937.8	776.0
-12.5°	11702.4	10041.1	8307.0	6497.7	4712.7	3200.6	2164.6	1518.5	1131.7	900.2	753.6
-15°	10594.7	9017.5	7369.5	5699.9	4098.3	2772.4	1897.0	1360.8	1048.4	854.8	726.2
-17.5°	9371.7	7877.7	6315.5	4771.9	3406.3	2390.4	1696.4	1253.8	980.5	811.0	697.2
-20°	8080.2	6658.1	5232.2	3897.1	2758.8	1956.5	1461.0	1131.0	915.3	773.3	675.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6674.9	5415.5	4163.9	2996.5	2233.0	1671.3	1275.2	1009.5	840.5	730.9	649.4
-25°	5258.6	4184.6	3140.3	2390.6	1801.2	1379.8	1104.5	918.0	787.0	693.1	622.4
-27.5°	3914.8	3017.6	2407.7	1853.4	1453.1	1180.6	972.2	827.2	730.3	657.6	603.8
-30°	2763.5	2251.5	1815.6	1459.9	1211.8	1004.4	859.0	762.4	684.5	623.5	582.7
-32.5°	1970.5	1680.0	1383.7	1193.0	1012.1	876.4	780.8	701.9	640.9	599.2	564.3
-35°	1460.5	1277.4	1114.2	985.2	868.1	784.9	710.6	653.3	610.2	575.2	546.1
-37.5°	1134.2	1016.8	929.7	838.6	772.4	709.3	656.1	615.2	581.5	554.7	529.8
-40°	923.3	852.3	800.0	741.5	694.0	648.7	614.2	582.7	558.0	534.8	513.4
-42.5°	783.7	742.5	704.5	667.4	632.1	606.3	579.3	556.2	534.8	515.3	497.7
-45°	687.0	661.1	633.2	614.6	592.6	571.6	549.9	531.3	513.6	497.1	482.1
-47.5°	619.7	605.9	591.1	577.6	560.3	541.9	525.0	508.4	493.0	478.4	462.5
-50°	574.8	566.5	556.5	545.2	531.1	515.8	501.1	485.1	472.1	458.6	442.9
-52.5°	541.5	534.7	526.0	515.3	504.7	492.5	478.5	464.8	452.4	438.5	423.1
-55°	513.5	507.2	499.8	491.8	482.6	470.2	457.7	444.8	431.4	417.8	399.1
-57.5°	487.9	482.3	474.3	466.1	457.6	446.5	434.5	422.3	408.5	392.2	373.0
-60°	457.1	452.3	443.8	435.9	428.9	420.3	406.7	393.9	382.0	362.7	342.0
-62.5°	417.6	411.1	405.7	399.3	392.4	384.1	372.7	359.3	344.7	328.0	308.7
-65°	375.3	367.3	362.4	358.0	352.2	344.7	333.4	320.7	306.3	290.3	273.7
-67.5°	334.8	327.7	322.8	318.0	311.9	304.5	293.8	281.2	267.5	253.2	238.9
-70°	294.2	288.5	283.5	278.3	271.6	263.6	253.2	241.6	229.4	217.1	205.0
-72.5°	252.0	247.6	242.5	236.5	229.4	221.5	212.8	203.1	192.9	182.3	171.8
-75°	208.8	204.6	199.7	194.0	187.8	181.1	174.0	166.1	157.8	149.1	140.3
-77.5°	164.1	160.2	156.0	151.7	147.2	142.5	137.2	130.6	124.0	117.1	110.1
-80°	120.1	117.4	114.5	111.9	109.1	106.0	102.4	97.2	91.8	86.5	81.5
-82.5°	81.1	79.1	76.9	75.4	73.6	71.7	69.5	66.2	62.8	59.3	55.9
-85°	46.0	44.2	42.3	41.8	41.1	40.4	39.5	37.8	35.9	34.0	32.0
-87.5°	15.7	14.7	13.8	14.2	14.5	14.7	14.9	14.4	13.9	13.4	12.9
-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: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-MWR-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°	12.3	11.7	11.1	10.4	9.8	9.1	8.4	7.7	6.7	5.7	4.8
85°	29.9	27.7	25.4	23.1	20.6	18.2	16.8	15.3	13.3	11.4	9.6
82.5°	52.5	49.1	45.7	42.1	38.0	34.0	30.1	26.2	21.9	17.4	14.3
80°	76.9	72.1	67.2	61.9	56.0	49.7	44.2	38.9	33.7	28.2	22.3
77.5°	103.4	96.4	89.2	82.6	75.7	68.4	60.5	52.4	45.4	38.9	31.9
75°	131.7	123.2	114.5	105.6	96.4	87.0	78.1	68.7	59.3	49.7	41.5
72.5°	161.7	151.2	140.4	129.2	118.5	107.5	96.2	84.9	73.9	62.8	51.5
70°	192.6	179.8	167.1	154.6	141.4	127.8	114.9	101.6	88.3	75.6	62.8
67.5°	224.2	209.7	194.8	180.0	165.4	150.1	133.8	118.3	103.2	88.3	73.9
65°	257.2	240.2	222.7	205.9	189.2	172.4	154.7	135.3	117.7	101.1	84.9
62.5°	289.8	271.2	251.6	231.6	212.6	194.0	175.2	153.6	132.3	113.6	95.6
60°	321.4	300.5	279.4	257.3	235.7	214.9	194.0	171.4	148.2	125.7	106.1
57.5°	350.4	328.5	304.9	281.6	258.3	235.3	212.2	188.2	163.6	138.9	116.3
55°	377.6	353.7	329.1	303.9	279.4	254.9	229.9	204.3	178.5	152.0	126.3
52.5°	403.2	378.2	352.0	325.3	298.8	273.5	247.1	220.0	192.5	164.7	137.3
50°	425.5	402.0	374.3	346.1	317.4	290.6	263.8	235.1	206.2	176.9	148.0
47.5°	444.3	422.7	395.9	366.2	336.0	307.4	279.4	249.8	219.3	188.6	158.3
45°	462.5	441.8	415.9	385.6	354.4	324.2	294.4	263.8	231.9	199.8	168.2
42.5°	479.7	459.0	434.8	404.2	372.0	340.3	309.0	277.1	244.1	210.6	177.5
40°	494.3	474.0	452.6	422.1	388.6	355.5	322.9	289.9	255.6	220.8	186.4
37.5°	508.6	487.8	465.7	438.9	404.1	369.8	336.0	302.2	266.8	230.6	194.7
35°	522.4	500.8	477.4	451.9	418.6	383.1	348.1	313.7	277.2	240.1	202.5
32.5°	534.7	512.5	488.3	462.5	431.9	395.4	359.4	323.8	287.0	249.0	209.7
30°	549.4	522.4	498.0	472.9	443.3	406.7	369.9	333.2	295.9	257.4	216.5
27.5°	563.4	531.9	506.7	481.5	452.2	416.9	379.5	341.9	304.1	265.1	223.2
25°	577.0	542.7	514.8	488.8	460.7	426.6	388.4	349.9	311.3	271.7	229.5
22.5°	592.6	552.6	522.4	495.0	469.0	435.5	396.4	357.1	317.7	277.7	235.1
20°	606.5	560.8	529.4	501.0	475.1	442.1	403.6	363.6	323.5	283.0	240.3
17.5°	620.1	570.1	536.2	506.7	479.7	448.0	409.8	369.2	328.5	287.6	244.9
15°	638.9	580.7	542.2	511.6	483.6	453.0	415.2	374.0	332.8	291.5	249.0
12.5°	655.0	589.6	547.0	515.5	486.8	457.1	419.7	378.0	336.3	294.9	252.6
10°	668.1	596.7	550.9	518.6	489.3	460.3	423.2	381.4	339.7	297.9	255.6
7.5°	678.0	602.0	553.6	520.8	490.9	462.7	426.5	384.4	342.4	300.3	257.9
5°	684.8	605.5	555.9	522.0	491.9	464.1	428.9	386.6	344.3	302.0	259.6
2.5°	688.3	607.0	557.6	522.4	492.0	464.6	430.3	387.9	345.4	303.0	260.6
0°	688.6	606.7	558.2	521.8	491.4	464.1	430.8	388.3	345.8	303.3	260.9
-2.5°	688.3	607.0	557.6	522.4	492.0	464.6	430.3	387.9	345.4	303.0	260.6
-5°	684.8	605.5	555.9	522.0	491.9	464.1	428.9	386.6	344.3	302.0	259.6
-7.5°	678.0	602.0	553.6	520.8	490.9	462.7	426.5	384.4	342.4	300.3	257.9
-10°	668.1	596.7	550.9	518.6	489.3	460.3	423.2	381.4	339.7	297.9	255.6
-12.5°	655.0	589.6	547.0	515.5	486.8	457.1	419.7	378.0	336.3	294.9	252.6
-15°	638.9	580.7	542.2	511.6	483.6	453.0	415.2	374.0	332.8	291.5	249.0
-17.5°	620.1	570.1	536.2	506.7	479.7	448.0	409.8	369.2	328.5	287.6	244.9
-20°	606.5	560.8	529.4	501.0	475.1	442.1	403.6	363.6	323.5	283.0	240.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	592.6	552.6	522.4	495.0	469.0	435.5	396.4	357.1	317.7	277.7	235.1
-25°	577.0	542.7	514.8	488.8	460.7	426.6	388.4	349.9	311.3	271.7	229.5
-27.5°	563.4	531.9	506.7	481.5	452.2	416.9	379.5	341.9	304.1	265.1	223.2
-30°	549.4	522.4	498.0	472.9	443.3	406.7	369.9	333.2	295.9	257.4	216.5
-32.5°	534.7	512.5	488.3	462.5	431.9	395.4	359.4	323.8	287.0	249.0	209.7
-35°	522.4	500.8	477.4	451.9	418.6	383.1	348.1	313.7	277.2	240.1	202.5
-37.5°	508.6	487.8	465.7	438.9	404.1	369.8	336.0	302.2	266.8	230.6	194.7
-40°	494.3	474.0	452.6	422.1	388.6	355.5	322.9	289.9	255.6	220.8	186.4
-42.5°	479.7	459.0	434.8	404.2	372.0	340.3	309.0	277.1	244.1	210.6	177.5
-45°	462.5	441.8	415.9	385.6	354.4	324.2	294.4	263.8	231.9	199.8	168.2
-47.5°	444.3	422.7	395.9	366.2	336.0	307.4	279.4	249.8	219.3	188.6	158.3
-50°	425.5	402.0	374.3	346.1	317.4	290.6	263.8	235.1	206.2	176.9	148.0
-52.5°	403.2	378.2	352.0	325.3	298.8	273.5	247.1	220.0	192.5	164.7	137.3
-55°	377.6	353.7	329.1	303.9	279.4	254.9	229.9	204.3	178.5	152.0	126.3
-57.5°	350.4	328.5	304.9	281.6	258.3	235.3	212.2	188.2	163.6	138.9	116.3
-60°	321.4	300.5	279.4	257.3	235.7	214.9	194.0	171.4	148.2	125.7	106.1
-62.5°	289.8	271.2	251.6	231.6	212.6	194.0	175.2	153.6	132.3	113.6	95.6
-65°	257.2	240.2	222.7	205.9	189.2	172.4	154.7	135.3	117.7	101.1	84.9
-67.5°	224.2	209.7	194.8	180.0	165.4	150.1	133.8	118.3	103.2	88.3	73.9
-70°	192.6	179.8	167.1	154.6	141.4	127.8	114.9	101.6	88.3	75.6	62.8
-72.5°	161.7	151.2	140.4	129.2	118.5	107.5	96.2	84.9	73.9	62.8	51.5
-75°	131.7	123.2	114.5	105.6	96.4	87.0	78.1	68.7	59.3	49.7	41.5
-77.5°	103.4	96.4	89.2	82.6	75.7	68.4	60.5	52.4	45.4	38.9	31.9
-80°	76.9	72.1	67.2	61.9	56.0	49.7	44.2	38.9	33.7	28.2	22.3
-82.5°	52.5	49.1	45.7	42.1	38.0	34.0	30.1	26.2	21.9	17.4	14.3
-85°	29.9	27.7	25.4	23.1	20.6	18.2	16.8	15.3	13.3	11.4	9.6
-87.5°	12.3	11.7	11.1	10.4	9.8	9.1	8.4	7.7	6.7	5.7	4.8
-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: P627027 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-MWR-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°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
85°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
82.5°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
80°	16.2	13.1	10.5	7.9	5.3	2.6	0.0
77.5°	24.7	17.7	13.1	9.8	6.6	3.3	0.0
75°	33.1	24.7	16.2	11.8	7.9	3.9	0.0
72.5°	41.4	31.6	21.8	13.7	9.1	4.6	0.0
70°	49.7	38.4	27.3	16.0	10.4	5.2	0.0
67.5°	59.2	45.2	32.7	20.0	11.6	5.8	0.0
65°	68.5	52.3	38.0	24.0	12.8	6.4	0.0
62.5°	77.6	59.8	43.2	27.9	14.0	7.0	0.0
60°	86.4	67.0	48.2	31.7	15.2	7.6	0.0
57.5°	95.2	74.1	53.8	35.5	17.6	8.2	0.0
55°	103.9	80.9	59.2	39.1	20.0	8.7	0.0
52.5°	112.3	87.6	64.4	42.6	22.3	9.3	0.0
50°	120.5	94.5	69.5	46.0	24.5	9.8	0.0
47.5°	128.6	101.2	74.3	49.4	26.6	10.3	0.0
45°	137.0	107.6	78.9	52.8	28.6	10.7	0.0
42.5°	145.0	113.9	83.3	56.1	30.5	11.2	0.0
40°	152.6	119.8	87.8	59.2	32.3	11.6	0.0
37.5°	159.8	125.5	92.3	62.0	34.0	12.1	0.0
35°	166.5	131.1	96.6	64.7	35.6	12.4	0.0
32.5°	172.7	136.3	100.6	67.1	37.1	12.8	0.0
30°	178.5	141.2	104.4	69.5	38.5	13.2	0.0
27.5°	183.8	145.7	107.8	71.6	39.7	13.5	0.0
25°	188.6	149.8	110.9	73.5	40.8	13.8	0.0
22.5°	192.9	153.4	113.7	75.3	41.9	14.0	0.0
20°	196.7	156.5	116.1	76.8	42.7	14.3	0.0
17.5°	200.2	159.2	118.3	78.2	43.5	14.5	0.0
15°	203.3	161.5	120.1	79.3	44.2	14.7	0.0
12.5°	206.0	163.4	121.6	80.3	44.7	14.8	0.0
10°	208.2	164.9	122.8	81.0	45.1	15.0	0.0
7.5°	210.0	166.0	123.7	81.6	45.4	15.1	0.0
5°	211.3	166.7	124.3	81.9	45.5	15.1	0.0
2.5°	212.0	166.9	124.5	82.0	45.6	15.2	0.0
0°	212.3	166.8	124.4	81.9	45.5	15.2	0.0
-2.5°	212.0	166.9	124.5	82.0	45.6	15.2	0.0
-5°	211.3	166.7	124.3	81.9	45.5	15.1	0.0
-7.5°	210.0	166.0	123.7	81.6	45.4	15.1	0.0
-10°	208.2	164.9	122.8	81.0	45.1	15.0	0.0
-12.5°	206.0	163.4	121.6	80.3	44.7	14.8	0.0
-15°	203.3	161.5	120.1	79.3	44.2	14.7	0.0
-17.5°	200.2	159.2	118.3	78.2	43.5	14.5	0.0
-20°	196.7	156.5	116.1	76.8	42.7	14.3	0.0

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CATALOG NUMBER: GFLD-SA2E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	192.9	153.4	113.7	75.3	41.9	14.0	0.0
-25°	188.6	149.8	110.9	73.5	40.8	13.8	0.0
-27.5°	183.8	145.7	107.8	71.6	39.7	13.5	0.0
-30°	178.5	141.2	104.4	69.5	38.5	13.2	0.0
-32.5°	172.7	136.3	100.6	67.1	37.1	12.8	0.0
-35°	166.5	131.1	96.6	64.7	35.6	12.4	0.0
-37.5°	159.8	125.5	92.3	62.0	34.0	12.1	0.0
-40°	152.6	119.8	87.8	59.2	32.3	11.6	0.0
-42.5°	145.0	113.9	83.3	56.1	30.5	11.2	0.0
-45°	137.0	107.6	78.9	52.8	28.6	10.7	0.0
-47.5°	128.6	101.2	74.3	49.4	26.6	10.3	0.0
-50°	120.5	94.5	69.5	46.0	24.5	9.8	0.0
-52.5°	112.3	87.6	64.4	42.6	22.3	9.3	0.0
-55°	103.9	80.9	59.2	39.1	20.0	8.7	0.0
-57.5°	95.2	74.1	53.8	35.5	17.6	8.2	0.0
-60°	86.4	67.0	48.2	31.7	15.2	7.6	0.0
-62.5°	77.6	59.8	43.2	27.9	14.0	7.0	0.0
-65°	68.5	52.3	38.0	24.0	12.8	6.4	0.0
-67.5°	59.2	45.2	32.7	20.0	11.6	5.8	0.0
-70°	49.7	38.4	27.3	16.0	10.4	5.2	0.0
-72.5°	41.4	31.6	21.8	13.7	9.1	4.6	0.0
-75°	33.1	24.7	16.2	11.8	7.9	3.9	0.0
-77.5°	24.7	17.7	13.1	9.8	6.6	3.3	0.0
-80°	16.2	13.1	10.5	7.9	5.3	2.6	0.0
-82.5°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
-85°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
-87.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)