

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: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-722-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-722-U-VWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N61
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

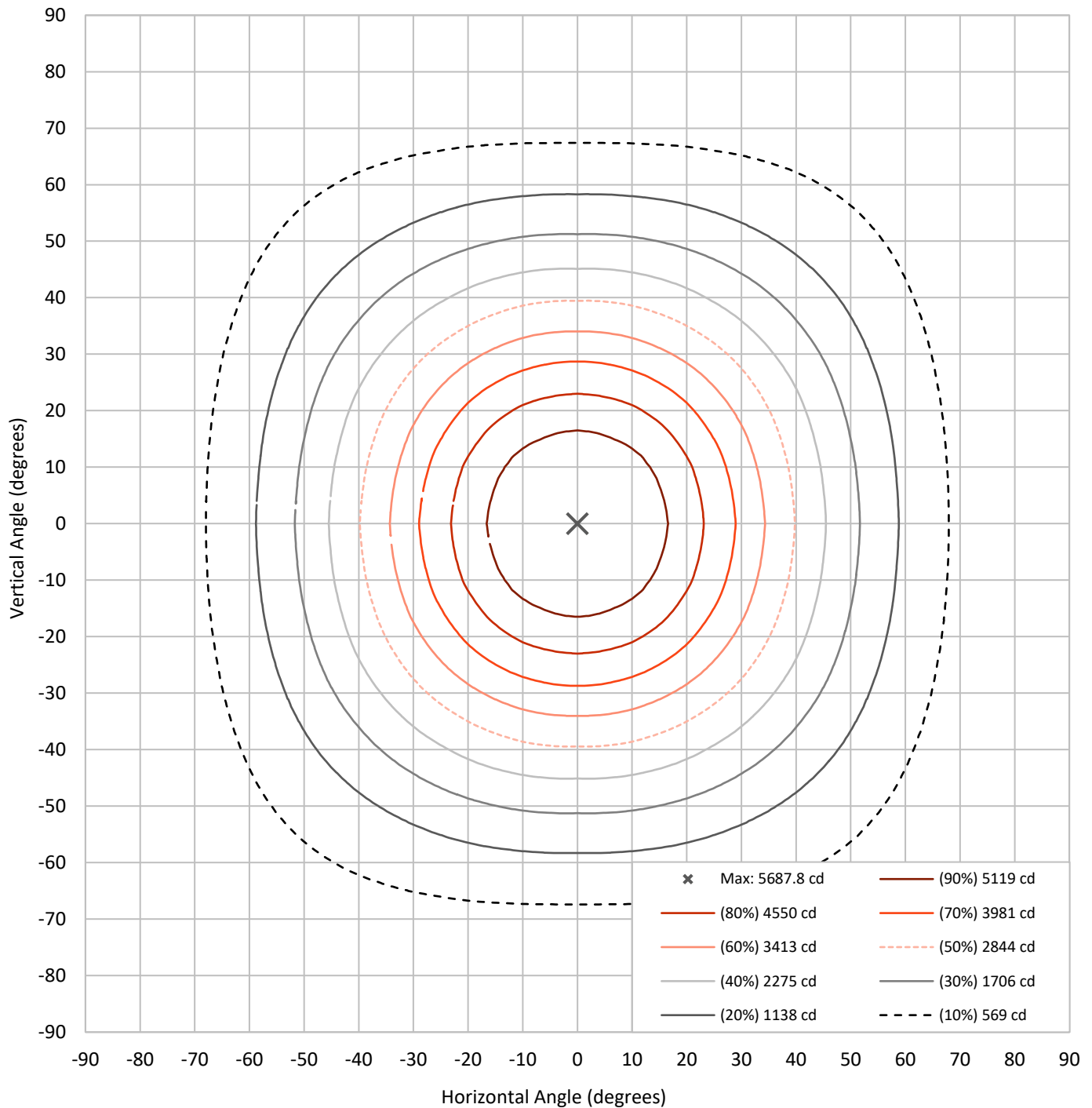
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	10280.2 lumens	Max Intensity:	5687.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	6029.4 lumens	Field Lumens:	9800.5 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	93.7		
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





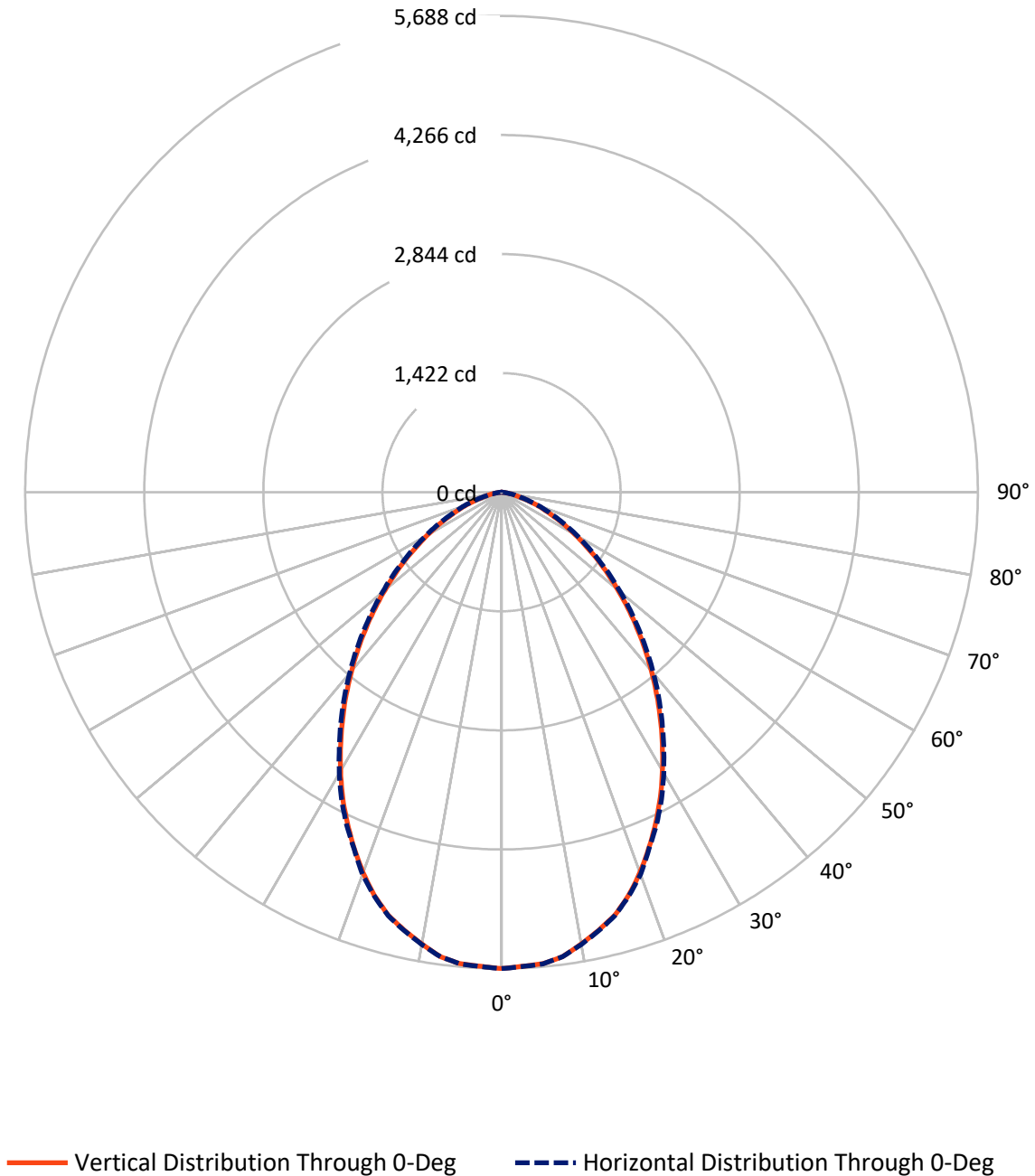
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Lumen Table

90																			
80	0.3	4.2		11.5		19.5		18.4		19.5		11.5		4.2		0.3			
70																			
60	1.9	2.6	5.3	9.1	13.3	17.1	20.0	21.4	21.4	20.0	17.1	13.3	9.1	5.3	2.6	1.9			
50		4.0	8.6	15.4	23.3	31.7	38.6	42.2	42.2	38.6	31.7	23.3	15.4	8.6	4.0				
40	3.4	5.3	12.5	23.1	36.6	50.7	62.5	69.0	69.0	62.5	50.7	36.6	23.1	12.5	5.3	3.4			
30		6.7	16.6	31.8	51.2	71.8	89.3	99.3	99.3	89.3	71.8	51.2	31.8	16.6	6.7				
20	4.3	8.0	20.4	39.9	65.2	92.5	116.4	130.1	130.1	116.4	92.5	65.2	39.9	20.4	8.0	4.3			
10		9.1	23.3	46.1	76.1	109.3	138.7	155.3	155.3	138.7	109.3	76.1	46.1	23.3	9.1				
0	4.7	9.6	24.9	49.5	82.2	118.7	150.7	168.3	168.3	150.7	118.7	82.2	49.5	24.9	9.6	4.7			
-10		9.6	24.9	49.5	82.2	118.7	150.7	168.3	168.3	150.7	118.7	82.2	49.5	24.9	9.6				
-20	4.3	9.1	23.3	46.1	76.1	109.3	138.7	155.3	155.3	138.7	109.3	76.1	46.1	23.3	9.1	4.3			
-30		8.0	20.4	39.9	65.2	92.5	116.4	130.1	130.1	116.4	92.5	65.2	39.9	20.4	8.0				
-40	3.4	6.7	16.6	31.8	51.2	71.8	89.3	99.3	99.3	89.3	71.8	51.2	31.8	16.6	6.7	3.4			
-50		5.3	12.5	23.1	36.6	50.7	62.5	69.0	69.0	62.5	50.7	36.6	23.1	12.5	5.3				
-60	1.9	4.0	8.6	15.4	23.3	31.7	38.6	42.2	42.2	38.6	31.7	23.3	15.4	8.6	4.0	1.9			
-70		2.6	5.3	9.1	13.3	17.1	20.0	21.4	21.4	20.0	17.1	13.3	9.1	5.3	2.6				
-80																			
-90	0.3	4.2		11.5		19.5		18.4		19.5		11.5		4.2		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

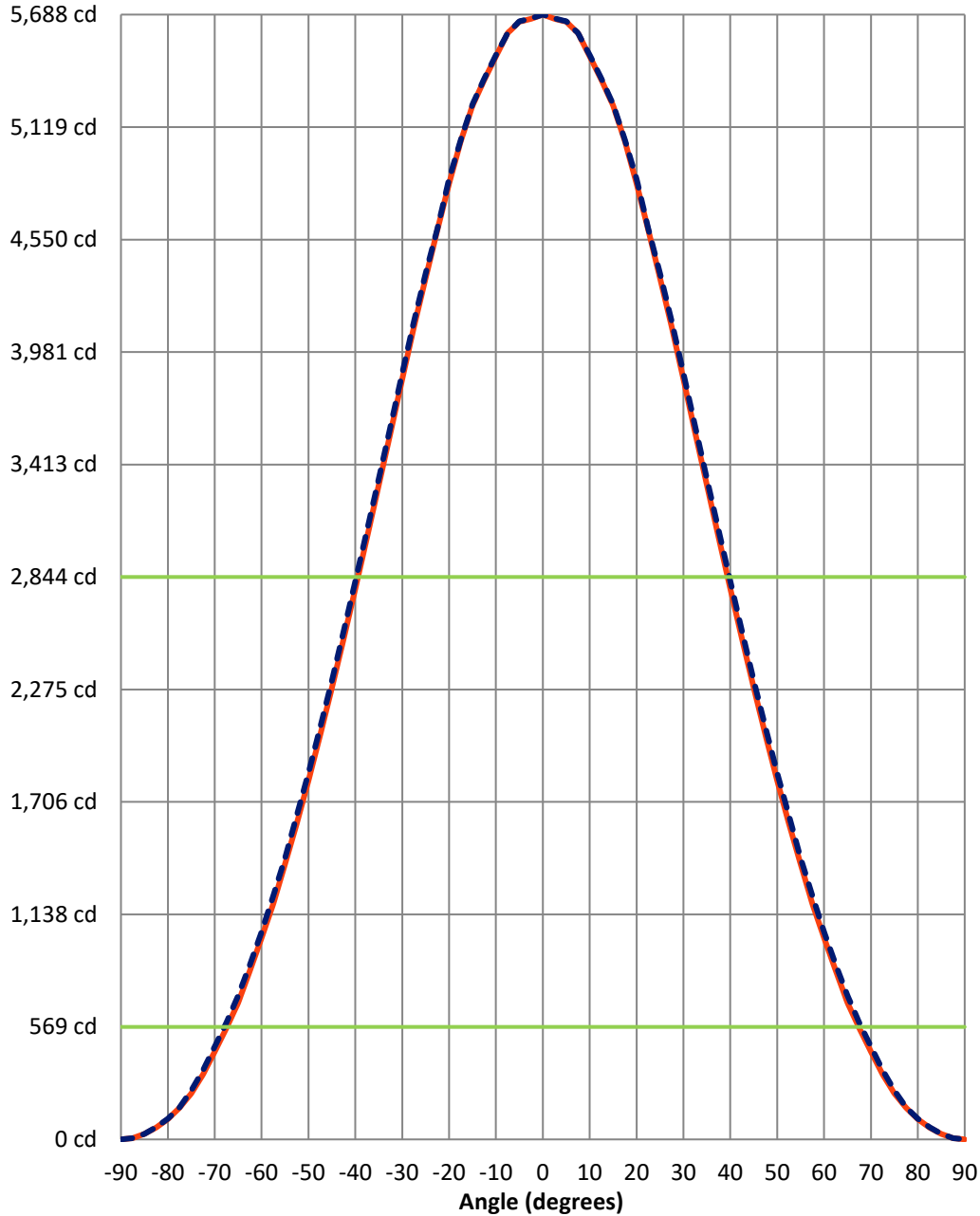
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 6029.4
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 9800.5
 Efficiency: 95.3%

Spill:
 Lumens: 479.8
 Efficiency: 4.7%

- Vertical Distribution through 0-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	0.3	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.6
85°	0.0	0.6	1.5	2.2	2.9	3.7	4.4	5.1	5.8	6.5	7.2
82.5°	0.0	1.0	2.2	3.3	4.4	5.5	6.6	7.6	9.6	15.1	20.4
80°	0.0	1.3	2.9	4.4	5.9	7.3	9.9	17.7	25.1	32.3	39.2
77.5°	0.0	1.6	3.7	5.5	7.3	11.5	21.6	31.4	40.6	49.4	60.3
75°	0.0	1.9	4.4	6.6	9.5	19.9	33.0	45.0	56.5	72.3	89.0
72.5°	0.0	2.2	5.0	7.6	15.2	28.1	44.1	59.7	77.7	96.9	117.2
70°	0.0	2.5	5.7	9.2	20.7	36.0	55.2	77.2	98.4	121.0	147.5
67.5°	0.0	2.8	6.4	12.6	26.0	43.5	68.5	94.4	118.7	147.3	177.6
65°	0.0	3.1	7.0	15.8	31.1	52.0	81.2	111.1	140.7	172.8	205.8
62.5°	0.0	3.4	7.6	19.0	35.9	61.2	93.2	128.5	161.9	197.1	231.1
60°	0.0	3.7	8.2	21.9	40.4	70.0	104.6	145.8	182.3	219.9	255.9
57.5°	0.0	3.9	9.9	24.7	46.4	78.2	116.6	162.0	202.4	242.3	279.5
55°	0.0	4.2	11.5	27.3	52.1	85.9	127.9	175.9	222.2	264.0	302.2
52.5°	0.0	4.4	13.1	29.7	57.4	93.1	138.4	190.4	241.5	283.9	324.2
50°	0.0	4.6	14.6	31.9	62.3	100.8	148.0	204.1	259.8	303.2	349.5
47.5°	0.0	4.8	16.0	34.2	66.7	107.9	157.1	216.9	276.5	321.9	374.2
45°	0.0	5.0	17.3	37.1	70.7	114.2	167.1	228.7	289.4	343.0	397.9
42.5°	0.0	5.2	18.6	39.8	74.3	119.9	176.3	239.6	301.8	363.3	425.8
40°	0.0	5.4	19.8	42.5	77.8	124.8	184.6	249.9	314.6	382.2	453.0
37.5°	0.0	5.6	20.9	45.2	81.4	129.0	192.1	259.6	329.1	400.2	478.5
35°	0.0	5.7	22.0	47.8	84.4	133.9	198.6	268.8	343.1	421.0	504.2
32.5°	0.0	5.9	23.0	50.1	87.0	138.8	204.7	277.4	356.8	440.9	531.3
30°	0.0	6.0	23.8	52.2	89.0	142.9	211.1	286.0	369.9	459.9	556.8
27.5°	0.0	6.1	24.6	54.1	92.1	146.4	216.8	295.9	383.5	478.0	580.3
25°	0.0	6.2	25.3	55.9	94.9	149.1	221.8	305.2	397.6	496.4	602.1
22.5°	0.0	6.3	26.0	57.4	97.4	151.9	226.1	313.7	410.7	513.8	625.4
20°	0.0	6.4	26.5	58.7	99.6	155.6	229.6	321.3	422.5	529.3	646.2
17.5°	0.0	6.4	27.0	59.8	101.4	158.7	234.1	328.0	433.0	543.0	664.6
15°	0.0	6.4	27.3	60.7	102.9	161.1	238.7	334.4	442.2	554.7	680.4
12.5°	0.0	6.5	27.6	61.4	104.0	162.8	242.4	340.5	450.4	564.4	693.7
10°	0.0	6.5	27.8	61.9	104.8	163.9	245.3	345.1	457.6	573.5	704.9
7.5°	0.0	6.5	27.9	62.2	105.2	164.3	247.2	348.3	463.1	580.9	714.5
5°	0.0	6.5	27.9	62.2	105.3	164.2	248.2	350.2	466.8	586.2	721.5
2.5°	0.0	6.4	27.8	62.1	105.1	163.4	248.2	350.6	468.8	589.4	725.6
0°	0.0	6.4	27.7	61.8	104.5	162.0	247.3	349.6	469.0	590.5	727.0
-2.5°	0.0	6.4	27.8	62.1	105.1	163.4	248.2	350.6	468.8	589.4	725.6
-5°	0.0	6.5	27.9	62.2	105.3	164.2	248.2	350.2	466.8	586.2	721.5
-7.5°	0.0	6.5	27.9	62.2	105.2	164.3	247.2	348.3	463.1	580.9	714.5
-10°	0.0	6.5	27.8	61.9	104.8	163.9	245.3	345.1	457.6	573.5	704.9
-12.5°	0.0	6.5	27.6	61.4	104.0	162.8	242.4	340.5	450.4	564.4	693.7
-15°	0.0	6.4	27.3	60.7	102.9	161.1	238.7	334.4	442.2	554.7	680.4
-17.5°	0.0	6.4	27.0	59.8	101.4	158.7	234.1	328.0	433.0	543.0	664.6
-20°	0.0	6.4	26.5	58.7	99.6	155.6	229.6	321.3	422.5	529.3	646.2



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CATALOG NUMBER: GFLD-SA3B-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.3	26.0	57.4	97.4	151.9	226.1	313.7	410.7	513.8	625.4
-25°	0.0	6.2	25.3	55.9	94.9	149.1	221.8	305.2	397.6	496.4	602.1
-27.5°	0.0	6.1	24.6	54.1	92.1	146.4	216.8	295.9	383.5	478.0	580.3
-30°	0.0	6.0	23.8	52.2	89.0	142.9	211.1	286.0	369.9	459.9	556.8
-32.5°	0.0	5.9	23.0	50.1	87.0	138.8	204.7	277.4	356.8	440.9	531.3
-35°	0.0	5.7	22.0	47.8	84.4	133.9	198.6	268.8	343.1	421.0	504.2
-37.5°	0.0	5.6	20.9	45.2	81.4	129.0	192.1	259.6	329.1	400.2	478.5
-40°	0.0	5.4	19.8	42.5	77.8	124.8	184.6	249.9	314.6	382.2	453.0
-42.5°	0.0	5.2	18.6	39.8	74.3	119.9	176.3	239.6	301.8	363.3	425.8
-45°	0.0	5.0	17.3	37.1	70.7	114.2	167.1	228.7	289.4	343.0	397.9
-47.5°	0.0	4.8	16.0	34.2	66.7	107.9	157.1	216.9	276.5	321.9	374.2
-50°	0.0	4.6	14.6	31.9	62.3	100.8	148.0	204.1	259.8	303.2	349.5
-52.5°	0.0	4.4	13.1	29.7	57.4	93.1	138.4	190.4	241.5	283.9	324.2
-55°	0.0	4.2	11.5	27.3	52.1	85.9	127.9	175.9	222.2	264.0	302.2
-57.5°	0.0	3.9	9.9	24.7	46.4	78.2	116.6	162.0	202.4	242.3	279.5
-60°	0.0	3.7	8.2	21.9	40.4	70.0	104.6	145.8	182.3	219.9	255.9
-62.5°	0.0	3.4	7.6	19.0	35.9	61.2	93.2	128.5	161.9	197.1	231.1
-65°	0.0	3.1	7.0	15.8	31.1	52.0	81.2	111.1	140.7	172.8	205.8
-67.5°	0.0	2.8	6.4	12.6	26.0	43.5	68.5	94.4	118.7	147.3	177.6
-70°	0.0	2.5	5.7	9.2	20.7	36.0	55.2	77.2	98.4	121.0	147.5
-72.5°	0.0	2.2	5.0	7.6	15.2	28.1	44.1	59.7	77.7	96.9	117.2
-75°	0.0	1.9	4.4	6.6	9.5	19.9	33.0	45.0	56.5	72.3	89.0
-77.5°	0.0	1.6	3.7	5.5	7.3	11.5	21.6	31.4	40.6	49.4	60.3
-80°	0.0	1.3	2.9	4.4	5.9	7.3	9.9	17.7	25.1	32.3	39.2
-82.5°	0.0	1.0	2.2	3.3	4.4	5.5	6.6	7.6	9.6	15.1	20.4
-85°	0.0	0.6	1.5	2.2	2.9	3.7	4.4	5.1	5.8	6.5	7.2
-87.5°	0.0	0.3	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	4.2	4.8	5.4	6.1	6.2	6.2	6.1	6.0	6.3	6.5	6.7
85°	8.3	9.6	13.3	16.9	18.6	19.7	20.1	20.0	23.3	27.1	31.2
82.5°	25.9	31.3	36.4	41.2	42.5	42.5	42.1	42.2	49.9	58.7	67.7
80°	46.2	53.0	62.0	70.0	73.4	75.2	76.0	75.8	85.5	98.5	112.1
77.5°	73.3	84.7	94.6	103.1	107.7	111.7	114.9	117.4	129.9	146.3	162.4
75°	104.1	116.7	129.1	140.0	147.5	153.2	158.4	166.9	183.2	202.3	218.8
72.5°	136.7	152.7	166.5	178.3	189.0	200.3	213.0	226.8	244.1	263.1	280.4
70°	171.4	189.0	203.6	217.7	232.3	249.2	268.2	286.9	306.1	327.1	347.3
67.5°	205.5	222.4	239.6	257.5	279.2	301.8	324.3	350.0	376.4	399.7	420.6
65°	235.0	254.9	276.3	300.6	327.4	356.2	386.2	417.1	450.5	478.5	504.0
62.5°	263.3	287.2	313.2	343.4	377.6	411.8	450.0	488.6	526.2	559.3	589.8
60°	289.3	318.3	351.1	388.2	428.2	473.5	517.0	561.0	602.3	639.7	678.2
57.5°	314.6	351.1	390.5	435.1	485.5	536.5	587.6	634.9	681.6	727.2	770.8
55°	341.4	385.3	432.3	486.9	543.8	604.0	659.1	711.9	763.4	818.6	871.2
52.5°	370.9	419.9	478.7	539.8	605.6	670.2	730.7	790.8	853.1	915.6	984.0
50°	399.3	460.5	524.9	596.0	667.0	736.2	805.6	874.9	949.4	1026.1	1103.6
47.5°	432.5	499.3	575.3	651.6	729.2	806.2	883.6	967.3	1052.0	1140.9	1226.7
45°	466.1	541.2	623.1	709.4	793.2	878.6	969.0	1061.6	1160.8	1258.7	1361.9
42.5°	498.0	582.8	673.2	766.3	859.6	955.0	1054.4	1162.5	1271.0	1383.9	1497.2
40°	533.3	622.4	722.0	824.6	925.9	1031.6	1145.2	1262.3	1385.1	1509.2	1632.3
37.5°	567.2	665.2	769.9	880.4	994.0	1110.1	1233.5	1366.4	1499.6	1633.1	1768.9
35°	599.0	705.8	819.2	936.5	1057.0	1189.0	1327.0	1468.9	1613.1	1757.6	1903.6
32.5°	631.7	744.0	866.3	991.8	1124.6	1266.2	1417.3	1571.0	1724.7	1878.9	2038.8
30°	664.5	784.1	911.9	1044.0	1189.3	1343.7	1506.0	1668.9	1831.4	2001.2	2171.5
27.5°	695.4	822.2	956.7	1098.1	1251.4	1415.4	1587.8	1762.3	1937.5	2118.0	2299.7
25°	724.0	858.3	998.3	1150.2	1312.6	1484.4	1664.1	1846.1	2038.3	2231.4	2421.1
22.5°	751.8	891.4	1036.8	1198.1	1368.1	1548.5	1735.6	1927.8	2128.7	2336.0	2532.4
20°	778.5	922.9	1074.3	1241.6	1417.8	1606.2	1800.6	2001.9	2212.6	2425.5	2636.7
17.5°	802.3	950.9	1109.2	1282.2	1465.2	1659.0	1859.1	2067.1	2287.1	2507.8	2731.6
15°	822.9	975.3	1139.4	1317.6	1507.1	1706.9	1913.5	2127.3	2353.0	2582.8	2815.5
12.5°	840.4	995.9	1164.8	1347.7	1542.6	1748.1	1960.2	2181.5	2413.3	2649.6	2889.0
10°	854.6	1012.8	1185.4	1372.3	1571.7	1782.1	1998.7	2226.2	2465.0	2706.4	2950.8
7.5°	866.7	1026.8	1201.8	1391.3	1594.1	1808.7	2028.6	2261.1	2506.1	2750.7	3000.4
5°	875.5	1038.2	1216.8	1407.2	1613.5	1829.5	2051.3	2286.0	2536.2	2782.2	3036.4
2.5°	880.8	1045.6	1227.0	1417.6	1628.8	1845.1	2071.4	2307.9	2558.3	2807.2	3063.5
0°	882.6	1048.9	1232.2	1422.0	1637.3	1852.6	2082.8	2319.5	2568.9	2822.6	3080.6
-2.5°	880.8	1045.6	1227.0	1417.6	1628.8	1845.1	2071.4	2307.9	2558.3	2807.2	3063.5
-5°	875.5	1038.2	1216.8	1407.2	1613.5	1829.5	2051.3	2286.0	2536.2	2782.2	3036.4
-7.5°	866.7	1026.8	1201.8	1391.3	1594.1	1808.7	2028.6	2261.1	2506.1	2750.7	3000.4
-10°	854.6	1012.8	1185.4	1372.3	1571.7	1782.1	1998.7	2226.2	2465.0	2706.4	2950.8
-12.5°	840.4	995.9	1164.8	1347.7	1542.6	1748.1	1960.2	2181.5	2413.3	2649.6	2889.0
-15°	822.9	975.3	1139.4	1317.6	1507.1	1706.9	1913.5	2127.3	2353.0	2582.8	2815.5
-17.5°	802.3	950.9	1109.2	1282.2	1465.2	1659.0	1859.1	2067.1	2287.1	2507.8	2731.6
-20°	778.5	922.9	1074.3	1241.6	1417.8	1606.2	1800.6	2001.9	2212.6	2425.5	2636.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	751.8	891.4	1036.8	1198.1	1368.1	1548.5	1735.6	1927.8	2128.7	2336.0	2532.4
-25°	724.0	858.3	998.3	1150.2	1312.6	1484.4	1664.1	1846.1	2038.3	2231.4	2421.1
-27.5°	695.4	822.2	956.7	1098.1	1251.4	1415.4	1587.8	1762.3	1937.5	2118.0	2299.7
-30°	664.5	784.1	911.9	1044.0	1189.3	1343.7	1506.0	1668.9	1831.4	2001.2	2171.5
-32.5°	631.7	744.0	866.3	991.8	1124.6	1266.2	1417.3	1571.0	1724.7	1878.9	2038.8
-35°	599.0	705.8	819.2	936.5	1057.0	1189.0	1327.0	1468.9	1613.1	1757.6	1903.6
-37.5°	567.2	665.2	769.9	880.4	994.0	1110.1	1233.5	1366.4	1499.6	1633.1	1768.9
-40°	533.3	622.4	722.0	824.6	925.9	1031.6	1145.2	1262.3	1385.1	1509.2	1632.3
-42.5°	498.0	582.8	673.2	766.3	859.6	955.0	1054.4	1162.5	1271.0	1383.9	1497.2
-45°	466.1	541.2	623.1	709.4	793.2	878.6	969.0	1061.6	1160.8	1258.7	1361.9
-47.5°	432.5	499.3	575.3	651.6	729.2	806.2	883.6	967.3	1052.0	1140.9	1226.7
-50°	399.3	460.5	524.9	596.0	667.0	736.2	805.6	874.9	949.4	1026.1	1103.6
-52.5°	370.9	419.9	478.7	539.8	605.6	670.2	730.7	790.8	853.1	915.6	984.0
-55°	341.4	385.3	432.3	486.9	543.8	604.0	659.1	711.9	763.4	818.6	871.2
-57.5°	314.6	351.1	390.5	435.1	485.5	536.5	587.6	634.9	681.6	727.2	770.8
-60°	289.3	318.3	351.1	388.2	428.2	473.5	517.0	561.0	602.3	639.7	678.2
-62.5°	263.3	287.2	313.2	343.4	377.6	411.8	450.0	488.6	526.2	559.3	589.8
-65°	235.0	254.9	276.3	300.6	327.4	356.2	386.2	417.1	450.5	478.5	504.0
-67.5°	205.5	222.4	239.6	257.5	279.2	301.8	324.3	350.0	376.4	399.7	420.6
-70°	171.4	189.0	203.6	217.7	232.3	249.2	268.2	286.9	306.1	327.1	347.3
-72.5°	136.7	152.7	166.5	178.3	189.0	200.3	213.0	226.8	244.1	263.1	280.4
-75°	104.1	116.7	129.1	140.0	147.5	153.2	158.4	166.9	183.2	202.3	218.8
-77.5°	73.3	84.7	94.6	103.1	107.7	111.7	114.9	117.4	129.9	146.3	162.4
-80°	46.2	53.0	62.0	70.0	73.4	75.2	76.0	75.8	85.5	98.5	112.1
-82.5°	25.9	31.3	36.4	41.2	42.5	42.5	42.1	42.2	49.9	58.7	67.7
-85°	8.3	9.6	13.3	16.9	18.6	19.7	20.1	20.0	23.3	27.1	31.2
-87.5°	4.2	4.8	5.4	6.1	6.2	6.2	6.1	6.0	6.3	6.5	6.7
-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: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-VWR-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°	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.1	8.2	7.8	7.3
85°	35.6	38.1	40.5	42.7	44.9	46.9	48.8	50.6	52.2	47.7	42.7
82.5°	76.9	83.1	88.9	94.8	100.6	102.0	102.5	102.3	101.5	93.5	84.7
80°	125.5	136.0	145.8	155.6	165.3	166.3	165.2	163.2	160.4	150.0	138.2
77.5°	178.6	191.8	203.3	213.8	223.5	225.3	225.0	224.5	223.7	213.1	200.2
75°	233.0	245.9	258.3	268.9	277.7	281.7	283.7	285.1	285.9	278.3	268.2
72.5°	296.1	309.5	320.5	330.7	339.4	345.6	350.2	353.6	355.9	353.6	349.5
70°	364.6	379.0	391.0	402.6	414.3	423.8	430.9	436.1	439.3	441.5	443.0
67.5°	441.7	460.9	477.7	492.1	506.3	519.7	530.6	539.6	546.5	552.4	556.9
65°	528.5	553.1	575.0	595.1	613.5	632.8	648.7	662.0	672.7	681.5	688.7
62.5°	619.8	650.0	678.1	705.3	731.9	758.2	778.4	796.7	813.0	827.1	838.3
60°	714.7	749.0	786.6	822.6	855.6	885.9	915.9	941.9	964.1	982.6	997.5
57.5°	816.7	861.1	905.1	949.7	991.9	1031.4	1068.3	1100.9	1128.5	1151.1	1170.0
55°	926.9	982.4	1033.4	1089.7	1144.1	1193.7	1237.3	1275.6	1308.8	1336.5	1360.1
52.5°	1048.0	1115.5	1181.8	1245.9	1307.6	1365.1	1417.3	1461.9	1501.6	1535.7	1562.8
50°	1180.5	1257.8	1334.7	1405.9	1476.9	1543.1	1602.9	1654.7	1700.9	1740.9	1772.4
47.5°	1319.1	1407.1	1492.9	1574.5	1653.0	1726.6	1791.4	1850.4	1908.0	1955.0	1992.2
45°	1463.1	1561.8	1656.5	1749.7	1836.2	1918.7	1998.6	2072.1	2131.2	2183.0	2226.4
42.5°	1608.8	1718.9	1824.9	1926.6	2021.7	2117.1	2207.0	2287.3	2354.7	2413.6	2463.0
40°	1756.4	1876.9	1993.7	2104.6	2213.3	2317.3	2414.5	2499.3	2575.3	2645.2	2703.5
37.5°	1903.2	2035.8	2165.2	2289.5	2409.1	2521.8	2626.9	2722.6	2808.4	2888.0	2952.7
35°	2050.7	2196.2	2337.8	2474.6	2605.3	2729.6	2844.7	2953.7	3054.8	3135.4	3201.5
32.5°	2197.6	2354.0	2508.2	2658.7	2801.8	2935.9	3060.6	3181.0	3284.9	3373.6	3449.6
30°	2339.8	2509.2	2677.1	2840.4	2994.9	3140.2	3278.2	3405.5	3517.4	3614.3	3699.6
27.5°	2479.3	2661.3	2841.5	3015.8	3183.0	3340.8	3491.4	3629.5	3751.6	3856.9	3946.8
25°	2611.2	2806.8	2998.8	3183.7	3362.2	3536.3	3699.0	3849.6	3980.0	4095.6	4188.0
22.5°	2737.1	2945.8	3147.5	3342.0	3533.0	3720.7	3898.7	4056.0	4194.2	4315.1	4417.3
20°	2854.5	3078.1	3284.5	3490.2	3691.4	3891.7	4082.9	4248.9	4395.1	4523.8	4636.5
17.5°	2964.2	3193.5	3410.9	3629.9	3841.9	4052.1	4246.3	4424.2	4582.0	4718.6	4836.7
15°	3057.1	3288.7	3526.0	3759.9	3983.4	4196.3	4390.4	4576.2	4751.3	4899.1	5018.8
12.5°	3132.3	3373.1	3620.7	3869.0	4105.4	4318.0	4521.2	4709.7	4893.6	5059.6	5169.7
10°	3196.4	3444.4	3700.0	3953.2	4192.8	4417.7	4638.6	4837.9	5018.6	5167.3	5290.2
7.5°	3251.8	3507.3	3766.9	4020.4	4259.2	4491.6	4719.0	4930.7	5113.2	5253.2	5362.8
5°	3292.7	3554.2	3818.8	4074.7	4316.9	4550.0	4778.4	4987.5	5165.6	5308.1	5427.6
2.5°	3321.9	3585.9	3852.4	4108.7	4356.2	4589.9	4824.0	5035.4	5207.9	5338.5	5452.9
0°	3340.6	3605.0	3873.6	4135.8	4378.9	4604.8	4856.4	5054.7	5233.7	5363.8	5483.2
-2.5°	3321.9	3585.9	3852.4	4108.7	4356.2	4589.9	4824.0	5035.4	5207.9	5338.5	5452.9
-5°	3292.7	3554.2	3818.8	4074.7	4316.9	4550.0	4778.4	4987.5	5165.6	5308.1	5427.6
-7.5°	3251.8	3507.3	3766.9	4020.4	4259.2	4491.6	4719.0	4930.7	5113.2	5253.2	5362.8
-10°	3196.4	3444.4	3700.0	3953.2	4192.8	4417.7	4638.6	4837.9	5018.6	5167.3	5290.2
-12.5°	3132.3	3373.1	3620.7	3869.0	4105.4	4318.0	4521.2	4709.7	4893.6	5059.6	5169.7
-15°	3057.1	3288.7	3526.0	3759.9	3983.4	4196.3	4390.4	4576.2	4751.3	4899.1	5018.8
-17.5°	2964.2	3193.5	3410.9	3629.9	3841.9	4052.1	4246.3	4424.2	4582.0	4718.6	4836.7
-20°	2854.5	3078.1	3284.5	3490.2	3691.4	3891.7	4082.9	4248.9	4395.1	4523.8	4636.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2737.1	2945.8	3147.5	3342.0	3533.0	3720.7	3898.7	4056.0	4194.2	4315.1	4417.3
-25°	2611.2	2806.8	2998.8	3183.7	3362.2	3536.3	3699.0	3849.6	3980.0	4095.6	4188.0
-27.5°	2479.3	2661.3	2841.5	3015.8	3183.0	3340.8	3491.4	3629.5	3751.6	3856.9	3946.8
-30°	2339.8	2509.2	2677.1	2840.4	2994.9	3140.2	3278.2	3405.5	3517.4	3614.3	3699.6
-32.5°	2197.6	2354.0	2508.2	2658.7	2801.8	2935.9	3060.6	3181.0	3284.9	3373.6	3449.6
-35°	2050.7	2196.2	2337.8	2474.6	2605.3	2729.6	2844.7	2953.7	3054.8	3135.4	3201.5
-37.5°	1903.2	2035.8	2165.2	2289.5	2409.1	2521.8	2626.9	2722.6	2808.4	2888.0	2952.7
-40°	1756.4	1876.9	1993.7	2104.6	2213.3	2317.3	2414.5	2499.3	2575.3	2645.2	2703.5
-42.5°	1608.8	1718.9	1824.9	1926.6	2021.7	2117.1	2207.0	2287.3	2354.7	2413.6	2463.0
-45°	1463.1	1561.8	1656.5	1749.7	1836.2	1918.7	1998.6	2072.1	2131.2	2183.0	2226.4
-47.5°	1319.1	1407.1	1492.9	1574.5	1653.0	1726.6	1791.4	1850.4	1908.0	1955.0	1992.2
-50°	1180.5	1257.8	1334.7	1405.9	1476.9	1543.1	1602.9	1654.7	1700.9	1740.9	1772.4
-52.5°	1048.0	1115.5	1181.8	1245.9	1307.6	1365.1	1417.3	1461.9	1501.6	1535.7	1562.8
-55°	926.9	982.4	1033.4	1089.7	1144.1	1193.7	1237.3	1275.6	1308.8	1336.5	1360.1
-57.5°	816.7	861.1	905.1	949.7	991.9	1031.4	1068.3	1100.9	1128.5	1151.1	1170.0
-60°	714.7	749.0	786.6	822.6	855.6	885.9	915.9	941.9	964.1	982.6	997.5
-62.5°	619.8	650.0	678.1	705.3	731.9	758.2	778.4	796.7	813.0	827.1	838.3
-65°	528.5	553.1	575.0	595.1	613.5	632.8	648.7	662.0	672.7	681.5	688.7
-67.5°	441.7	460.9	477.7	492.1	506.3	519.7	530.6	539.6	546.5	552.4	556.9
-70°	364.6	379.0	391.0	402.6	414.3	423.8	430.9	436.1	439.3	441.5	443.0
-72.5°	296.1	309.5	320.5	330.7	339.4	345.6	350.2	353.6	355.9	353.6	349.5
-75°	233.0	245.9	258.3	268.9	277.7	281.7	283.7	285.1	285.9	278.3	268.2
-77.5°	178.6	191.8	203.3	213.8	223.5	225.3	225.0	224.5	223.7	213.1	200.2
-80°	125.5	136.0	145.8	155.6	165.3	166.3	165.2	163.2	160.4	150.0	138.2
-82.5°	76.9	83.1	88.9	94.8	100.6	102.0	102.5	102.3	101.5	93.5	84.7
-85°	35.6	38.1	40.5	42.7	44.9	46.9	48.8	50.6	52.2	47.7	42.7
-87.5°	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.1	8.2	7.8	7.3
-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: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-VWR-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°	6.9	6.4	6.4	6.4	6.4	6.4	6.9	7.3	7.8	8.2	8.1
85°	37.4	31.8	29.8	27.7	29.8	31.8	37.4	42.7	47.7	52.2	50.6
82.5°	75.5	65.9	62.8	59.7	62.8	65.9	75.5	84.7	93.5	101.5	102.3
80°	125.7	112.7	107.6	102.3	107.6	112.7	125.7	138.2	150.0	160.4	163.2
77.5°	186.6	172.3	166.2	159.9	166.2	172.3	186.6	200.2	213.1	223.7	224.5
75°	257.7	246.5	239.7	232.4	239.7	246.5	257.7	268.2	278.3	285.9	285.1
72.5°	344.8	339.3	334.4	328.3	334.4	339.3	344.8	349.5	353.6	355.9	353.6
70°	443.5	442.8	443.7	443.4	443.7	442.8	443.5	443.0	441.5	439.3	436.1
67.5°	559.2	559.4	561.7	562.8	561.7	559.4	559.2	556.9	552.4	546.5	539.6
65°	693.1	694.7	694.1	690.7	694.1	694.7	693.1	688.7	681.5	672.7	662.0
62.5°	846.2	850.8	853.3	852.7	853.3	850.8	846.2	838.3	827.1	813.0	796.7
60°	1008.6	1015.8	1019.4	1019.0	1019.4	1015.8	1008.6	997.5	982.6	964.1	941.9
57.5°	1184.2	1193.4	1195.6	1191.7	1195.6	1193.4	1184.2	1170.0	1151.1	1128.5	1100.9
55°	1377.9	1389.7	1394.2	1392.1	1394.2	1389.7	1377.9	1360.1	1336.5	1308.8	1275.6
52.5°	1582.7	1595.5	1600.0	1596.8	1600.0	1595.5	1582.7	1562.8	1535.7	1501.6	1461.9
50°	1795.5	1811.0	1817.2	1814.2	1817.2	1811.0	1795.5	1772.4	1740.9	1700.9	1654.7
47.5°	2021.3	2041.9	2049.9	2044.5	2049.9	2041.9	2021.3	1992.2	1955.0	1908.0	1850.4
45°	2258.9	2280.3	2288.6	2283.2	2288.6	2280.3	2258.9	2226.4	2183.0	2131.2	2072.1
42.5°	2500.8	2528.5	2540.3	2530.5	2540.3	2528.5	2500.8	2463.0	2413.6	2354.7	2287.3
40°	2746.9	2777.1	2791.0	2784.2	2791.0	2777.1	2746.9	2703.5	2645.2	2575.3	2499.3
37.5°	2999.4	3029.4	3044.1	3044.3	3044.1	3029.4	2999.4	2952.7	2888.0	2808.4	2722.6
35°	3252.7	3289.1	3309.6	3308.7	3309.6	3289.1	3252.7	3201.5	3135.4	3054.8	2953.7
32.5°	3509.7	3549.0	3570.0	3573.0	3570.0	3549.0	3509.7	3449.6	3373.6	3284.9	3181.0
30°	3766.2	3809.5	3833.8	3843.8	3833.8	3809.5	3766.2	3699.6	3614.3	3517.4	3405.5
27.5°	4014.9	4068.2	4104.9	4108.1	4104.9	4068.2	4014.9	3946.8	3856.9	3751.6	3629.5
25°	4255.9	4310.1	4347.8	4355.4	4347.8	4310.1	4255.9	4188.0	4095.6	3980.0	3849.6
22.5°	4493.3	4550.0	4584.7	4598.4	4584.7	4550.0	4493.3	4417.3	4315.1	4194.2	4056.0
20°	4720.0	4781.4	4818.3	4832.9	4818.3	4781.4	4720.0	4636.5	4523.8	4395.1	4248.9
17.5°	4925.1	4989.9	5035.4	5048.3	5035.4	4989.9	4925.1	4836.7	4718.6	4582.0	4424.2
15°	5105.5	5167.1	5210.3	5227.3	5210.3	5167.1	5105.5	5018.8	4899.1	4751.3	4576.2
12.5°	5252.4	5307.5	5341.3	5357.4	5341.3	5307.5	5252.4	5169.7	5059.6	4893.6	4709.7
10°	5367.2	5422.4	5454.7	5476.8	5454.7	5422.4	5367.2	5290.2	5167.3	5018.6	4837.9
7.5°	5466.8	5523.3	5562.9	5594.0	5562.9	5523.3	5466.8	5362.8	5253.2	5113.2	4930.7
5°	5521.8	5616.2	5630.5	5651.6	5630.5	5616.2	5521.8	5427.6	5308.1	5165.6	4987.5
2.5°	5563.7	5630.7	5670.9	5666.5	5670.9	5630.7	5563.7	5452.9	5338.5	5207.9	5035.4
0°	5594.0	5653.7	5668.6	5687.8	5668.6	5653.7	5594.0	5483.2	5363.8	5233.7	5054.7
-2.5°	5563.7	5630.7	5670.9	5666.5	5670.9	5630.7	5563.7	5452.9	5338.5	5207.9	5035.4
-5°	5521.8	5616.2	5630.5	5651.6	5630.5	5616.2	5521.8	5427.6	5308.1	5165.6	4987.5
-7.5°	5466.8	5523.3	5562.9	5594.0	5562.9	5523.3	5466.8	5362.8	5253.2	5113.2	4930.7
-10°	5367.2	5422.4	5454.7	5476.8	5454.7	5422.4	5367.2	5290.2	5167.3	5018.6	4837.9
-12.5°	5252.4	5307.5	5341.3	5357.4	5341.3	5307.5	5252.4	5169.7	5059.6	4893.6	4709.7
-15°	5105.5	5167.1	5210.3	5227.3	5210.3	5167.1	5105.5	5018.8	4899.1	4751.3	4576.2
-17.5°	4925.1	4989.9	5035.4	5048.3	5035.4	4989.9	4925.1	4836.7	4718.6	4582.0	4424.2
-20°	4720.0	4781.4	4818.3	4832.9	4818.3	4781.4	4720.0	4636.5	4523.8	4395.1	4248.9



REPORT NUMBER: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4493.3	4550.0	4584.7	4598.4	4584.7	4550.0	4493.3	4417.3	4315.1	4194.2	4056.0
-25°	4255.9	4310.1	4347.8	4355.4	4347.8	4310.1	4255.9	4188.0	4095.6	3980.0	3849.6
-27.5°	4014.9	4068.2	4104.9	4108.1	4104.9	4068.2	4014.9	3946.8	3856.9	3751.6	3629.5
-30°	3766.2	3809.5	3833.8	3843.8	3833.8	3809.5	3766.2	3699.6	3614.3	3517.4	3405.5
-32.5°	3509.7	3549.0	3570.0	3573.0	3570.0	3549.0	3509.7	3449.6	3373.6	3284.9	3181.0
-35°	3252.7	3289.1	3309.6	3308.7	3309.6	3289.1	3252.7	3201.5	3135.4	3054.8	2953.7
-37.5°	2999.4	3029.4	3044.1	3044.3	3044.1	3029.4	2999.4	2952.7	2888.0	2808.4	2722.6
-40°	2746.9	2777.1	2791.0	2784.2	2791.0	2777.1	2746.9	2703.5	2645.2	2575.3	2499.3
-42.5°	2500.8	2528.5	2540.3	2530.5	2540.3	2528.5	2500.8	2463.0	2413.6	2354.7	2287.3
-45°	2258.9	2280.3	2288.6	2283.2	2288.6	2280.3	2258.9	2226.4	2183.0	2131.2	2072.1
-47.5°	2021.3	2041.9	2049.9	2044.5	2049.9	2041.9	2021.3	1992.2	1955.0	1908.0	1850.4
-50°	1795.5	1811.0	1817.2	1814.2	1817.2	1811.0	1795.5	1772.4	1740.9	1700.9	1654.7
-52.5°	1582.7	1595.5	1600.0	1596.8	1600.0	1595.5	1582.7	1562.8	1535.7	1501.6	1461.9
-55°	1377.9	1389.7	1394.2	1392.1	1394.2	1389.7	1377.9	1360.1	1336.5	1308.8	1275.6
-57.5°	1184.2	1193.4	1195.6	1191.7	1195.6	1193.4	1184.2	1170.0	1151.1	1128.5	1100.9
-60°	1008.6	1015.8	1019.4	1019.0	1019.4	1015.8	1008.6	997.5	982.6	964.1	941.9
-62.5°	846.2	850.8	853.3	852.7	853.3	850.8	846.2	838.3	827.1	813.0	796.7
-65°	693.1	694.7	694.1	690.7	694.1	694.7	693.1	688.7	681.5	672.7	662.0
-67.5°	559.2	559.4	561.7	562.8	561.7	559.4	559.2	556.9	552.4	546.5	539.6
-70°	443.5	442.8	443.7	443.4	443.7	442.8	443.5	443.0	441.5	439.3	436.1
-72.5°	344.8	339.3	334.4	328.3	334.4	339.3	344.8	349.5	353.6	355.9	353.6
-75°	257.7	246.5	239.7	232.4	239.7	246.5	257.7	268.2	278.3	285.9	285.1
-77.5°	186.6	172.3	166.2	159.9	166.2	172.3	186.6	200.2	213.1	223.7	224.5
-80°	125.7	112.7	107.6	102.3	107.6	112.7	125.7	138.2	150.0	160.4	163.2
-82.5°	75.5	65.9	62.8	59.7	62.8	65.9	75.5	84.7	93.5	101.5	102.3
-85°	37.4	31.8	29.8	27.7	29.8	31.8	37.4	42.7	47.7	52.2	50.6
-87.5°	6.9	6.4	6.4	6.4	6.4	6.4	6.9	7.3	7.8	8.2	8.1
-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: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-VWR-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°	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.7	6.5	6.3	6.0
85°	48.8	46.9	44.9	42.7	40.5	38.1	35.6	31.2	27.1	23.3	20.0
82.5°	102.5	102.0	100.6	94.8	88.9	83.1	76.9	67.7	58.7	49.9	42.2
80°	165.2	166.3	165.3	155.6	145.8	136.0	125.5	112.1	98.5	85.5	75.8
77.5°	225.0	225.3	223.5	213.8	203.3	191.8	178.6	162.4	146.3	129.9	117.4
75°	283.7	281.7	277.7	268.9	258.3	245.9	233.0	218.8	202.3	183.2	166.9
72.5°	350.2	345.6	339.4	330.7	320.5	309.5	296.1	280.4	263.1	244.1	226.8
70°	430.9	423.8	414.3	402.6	391.0	379.0	364.6	347.3	327.1	306.1	286.9
67.5°	530.6	519.7	506.3	492.1	477.7	460.9	441.7	420.6	399.7	376.4	350.0
65°	648.7	632.8	613.5	595.1	575.0	553.1	528.5	504.0	478.5	450.5	417.1
62.5°	778.4	758.2	731.9	705.3	678.1	650.0	619.8	589.8	559.3	526.2	488.6
60°	915.9	885.9	855.6	822.6	786.6	749.0	714.7	678.2	639.7	602.3	561.0
57.5°	1068.3	1031.4	991.9	949.7	905.1	861.1	816.7	770.8	727.2	681.6	634.9
55°	1237.3	1193.7	1144.1	1089.7	1033.4	982.4	926.9	871.2	818.6	763.4	711.9
52.5°	1417.3	1365.1	1307.6	1245.9	1181.8	1115.5	1048.0	984.0	915.6	853.1	790.8
50°	1602.9	1543.1	1476.9	1405.9	1334.7	1257.8	1180.5	1103.6	1026.1	949.4	874.9
47.5°	1791.4	1726.6	1653.0	1574.5	1492.9	1407.1	1319.1	1226.7	1140.9	1052.0	967.3
45°	1998.6	1918.7	1836.2	1749.7	1656.5	1561.8	1463.1	1361.9	1258.7	1160.8	1061.6
42.5°	2207.0	2117.1	2021.7	1926.6	1824.9	1718.9	1608.8	1497.2	1383.9	1271.0	1162.5
40°	2414.5	2317.3	2213.3	2104.6	1993.7	1876.9	1756.4	1632.3	1509.2	1385.1	1262.3
37.5°	2626.9	2521.8	2409.1	2289.5	2165.2	2035.8	1903.2	1768.9	1633.1	1499.6	1366.4
35°	2844.7	2729.6	2605.3	2474.6	2337.8	2196.2	2050.7	1903.6	1757.6	1613.1	1468.9
32.5°	3060.6	2935.9	2801.8	2658.7	2508.2	2354.0	2197.6	2038.8	1878.9	1724.7	1571.0
30°	3278.2	3140.2	2994.9	2840.4	2677.1	2509.2	2339.8	2171.5	2001.2	1831.4	1668.9
27.5°	3491.4	3340.8	3183.0	3015.8	2841.5	2661.3	2479.3	2299.7	2118.0	1937.5	1762.3
25°	3699.0	3536.3	3362.2	3183.7	2998.8	2806.8	2611.2	2421.1	2231.4	2038.3	1846.1
22.5°	3898.7	3720.7	3533.0	3342.0	3147.5	2945.8	2737.1	2532.4	2336.0	2128.7	1927.8
20°	4082.9	3891.7	3691.4	3490.2	3284.5	3078.1	2854.5	2636.7	2425.5	2212.6	2001.9
17.5°	4246.3	4052.1	3841.9	3629.9	3410.9	3193.5	2964.2	2731.6	2507.8	2287.1	2067.1
15°	4390.4	4196.3	3983.4	3759.9	3526.0	3288.7	3057.1	2815.5	2582.8	2353.0	2127.3
12.5°	4521.2	4318.0	4105.4	3869.0	3620.7	3373.1	3132.3	2889.0	2649.6	2413.3	2181.5
10°	4638.6	4417.7	4192.8	3953.2	3700.0	3444.4	3196.4	2950.8	2706.4	2465.0	2226.2
7.5°	4719.0	4491.6	4259.2	4020.4	3766.9	3507.3	3251.8	3000.4	2750.7	2506.1	2261.1
5°	4778.4	4550.0	4316.9	4074.7	3818.8	3554.2	3292.7	3036.4	2782.2	2536.2	2286.0
2.5°	4824.0	4589.9	4356.2	4108.7	3852.4	3585.9	3321.9	3063.5	2807.2	2558.3	2307.9
0°	4856.4	4604.8	4378.9	4135.8	3873.6	3605.0	3340.6	3080.6	2822.6	2568.9	2319.5
-2.5°	4824.0	4589.9	4356.2	4108.7	3852.4	3585.9	3321.9	3063.5	2807.2	2558.3	2307.9
-5°	4778.4	4550.0	4316.9	4074.7	3818.8	3554.2	3292.7	3036.4	2782.2	2536.2	2286.0
-7.5°	4719.0	4491.6	4259.2	4020.4	3766.9	3507.3	3251.8	3000.4	2750.7	2506.1	2261.1
-10°	4638.6	4417.7	4192.8	3953.2	3700.0	3444.4	3196.4	2950.8	2706.4	2465.0	2226.2
-12.5°	4521.2	4318.0	4105.4	3869.0	3620.7	3373.1	3132.3	2889.0	2649.6	2413.3	2181.5
-15°	4390.4	4196.3	3983.4	3759.9	3526.0	3288.7	3057.1	2815.5	2582.8	2353.0	2127.3
-17.5°	4246.3	4052.1	3841.9	3629.9	3410.9	3193.5	2964.2	2731.6	2507.8	2287.1	2067.1
-20°	4082.9	3891.7	3691.4	3490.2	3284.5	3078.1	2854.5	2636.7	2425.5	2212.6	2001.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3898.7	3720.7	3533.0	3342.0	3147.5	2945.8	2737.1	2532.4	2336.0	2128.7	1927.8
-25°	3699.0	3536.3	3362.2	3183.7	2998.8	2806.8	2611.2	2421.1	2231.4	2038.3	1846.1
-27.5°	3491.4	3340.8	3183.0	3015.8	2841.5	2661.3	2479.3	2299.7	2118.0	1937.5	1762.3
-30°	3278.2	3140.2	2994.9	2840.4	2677.1	2509.2	2339.8	2171.5	2001.2	1831.4	1668.9
-32.5°	3060.6	2935.9	2801.8	2658.7	2508.2	2354.0	2197.6	2038.8	1878.9	1724.7	1571.0
-35°	2844.7	2729.6	2605.3	2474.6	2337.8	2196.2	2050.7	1903.6	1757.6	1613.1	1468.9
-37.5°	2626.9	2521.8	2409.1	2289.5	2165.2	2035.8	1903.2	1768.9	1633.1	1499.6	1366.4
-40°	2414.5	2317.3	2213.3	2104.6	1993.7	1876.9	1756.4	1632.3	1509.2	1385.1	1262.3
-42.5°	2207.0	2117.1	2021.7	1926.6	1824.9	1718.9	1608.8	1497.2	1383.9	1271.0	1162.5
-45°	1998.6	1918.7	1836.2	1749.7	1656.5	1561.8	1463.1	1361.9	1258.7	1160.8	1061.6
-47.5°	1791.4	1726.6	1653.0	1574.5	1492.9	1407.1	1319.1	1226.7	1140.9	1052.0	967.3
-50°	1602.9	1543.1	1476.9	1405.9	1334.7	1257.8	1180.5	1103.6	1026.1	949.4	874.9
-52.5°	1417.3	1365.1	1307.6	1245.9	1181.8	1115.5	1048.0	984.0	915.6	853.1	790.8
-55°	1237.3	1193.7	1144.1	1089.7	1033.4	982.4	926.9	871.2	818.6	763.4	711.9
-57.5°	1068.3	1031.4	991.9	949.7	905.1	861.1	816.7	770.8	727.2	681.6	634.9
-60°	915.9	885.9	855.6	822.6	786.6	749.0	714.7	678.2	639.7	602.3	561.0
-62.5°	778.4	758.2	731.9	705.3	678.1	650.0	619.8	589.8	559.3	526.2	488.6
-65°	648.7	632.8	613.5	595.1	575.0	553.1	528.5	504.0	478.5	450.5	417.1
-67.5°	530.6	519.7	506.3	492.1	477.7	460.9	441.7	420.6	399.7	376.4	350.0
-70°	430.9	423.8	414.3	402.6	391.0	379.0	364.6	347.3	327.1	306.1	286.9
-72.5°	350.2	345.6	339.4	330.7	320.5	309.5	296.1	280.4	263.1	244.1	226.8
-75°	283.7	281.7	277.7	268.9	258.3	245.9	233.0	218.8	202.3	183.2	166.9
-77.5°	225.0	225.3	223.5	213.8	203.3	191.8	178.6	162.4	146.3	129.9	117.4
-80°	165.2	166.3	165.3	155.6	145.8	136.0	125.5	112.1	98.5	85.5	75.8
-82.5°	102.5	102.0	100.6	94.8	88.9	83.1	76.9	67.7	58.7	49.9	42.2
-85°	48.8	46.9	44.9	42.7	40.5	38.1	35.6	31.2	27.1	23.3	20.0
-87.5°	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.7	6.5	6.3	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-VWR-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°	6.1	6.2	6.2	6.1	5.4	4.8	4.2	3.6	3.3	2.9	2.6
85°	20.1	19.7	18.6	16.9	13.3	9.6	8.3	7.2	6.5	5.8	5.1
82.5°	42.1	42.5	42.5	41.2	36.4	31.3	25.9	20.4	15.1	9.6	7.6
80°	76.0	75.2	73.4	70.0	62.0	53.0	46.2	39.2	32.3	25.1	17.7
77.5°	114.9	111.7	107.7	103.1	94.6	84.7	73.3	60.3	49.4	40.6	31.4
75°	158.4	153.2	147.5	140.0	129.1	116.7	104.1	89.0	72.3	56.5	45.0
72.5°	213.0	200.3	189.0	178.3	166.5	152.7	136.7	117.2	96.9	77.7	59.7
70°	268.2	249.2	232.3	217.7	203.6	189.0	171.4	147.5	121.0	98.4	77.2
67.5°	324.3	301.8	279.2	257.5	239.6	222.4	205.5	177.6	147.3	118.7	94.4
65°	386.2	356.2	327.4	300.6	276.3	254.9	235.0	205.8	172.8	140.7	111.1
62.5°	450.0	411.8	377.6	343.4	313.2	287.2	263.3	231.1	197.1	161.9	128.5
60°	517.0	473.5	428.2	388.2	351.1	318.3	289.3	255.9	219.9	182.3	145.8
57.5°	587.6	536.5	485.5	435.1	390.5	351.1	314.6	279.5	242.3	202.4	162.0
55°	659.1	604.0	543.8	486.9	432.3	385.3	341.4	302.2	264.0	222.2	175.9
52.5°	730.7	670.2	605.6	539.8	478.7	419.9	370.9	324.2	283.9	241.5	190.4
50°	805.6	736.2	667.0	596.0	524.9	460.5	399.3	349.5	303.2	259.8	204.1
47.5°	883.6	806.2	729.2	651.6	575.3	499.3	432.5	374.2	321.9	276.5	216.9
45°	969.0	878.6	793.2	709.4	623.1	541.2	466.1	397.9	343.0	289.4	228.7
42.5°	1054.4	955.0	859.6	766.3	673.2	582.8	498.0	425.8	363.3	301.8	239.6
40°	1145.2	1031.6	925.9	824.6	722.0	622.4	533.3	453.0	382.2	314.6	249.9
37.5°	1233.5	1110.1	994.0	880.4	769.9	665.2	567.2	478.5	400.2	329.1	259.6
35°	1327.0	1189.0	1057.0	936.5	819.2	705.8	599.0	504.2	421.0	343.1	268.8
32.5°	1417.3	1266.2	1124.6	991.8	866.3	744.0	631.7	531.3	440.9	356.8	277.4
30°	1506.0	1343.7	1189.3	1044.0	911.9	784.1	664.5	556.8	459.9	369.9	286.0
27.5°	1587.8	1415.4	1251.4	1098.1	956.7	822.2	695.4	580.3	478.0	383.5	295.9
25°	1664.1	1484.4	1312.6	1150.2	998.3	858.3	724.0	602.1	496.4	397.6	305.2
22.5°	1735.6	1548.5	1368.1	1198.1	1036.8	891.4	751.8	625.4	513.8	410.7	313.7
20°	1800.6	1606.2	1417.8	1241.6	1074.3	922.9	778.5	646.2	529.3	422.5	321.3
17.5°	1859.1	1659.0	1465.2	1282.2	1109.2	950.9	802.3	664.6	543.0	433.0	328.0
15°	1913.5	1706.9	1507.1	1317.6	1139.4	975.3	822.9	680.4	554.7	442.2	334.4
12.5°	1960.2	1748.1	1542.6	1347.7	1164.8	995.9	840.4	693.7	564.4	450.4	340.5
10°	1998.7	1782.1	1571.7	1372.3	1185.4	1012.8	854.6	704.9	573.5	457.6	345.1
7.5°	2028.6	1808.7	1594.1	1391.3	1201.8	1026.8	866.7	714.5	580.9	463.1	348.3
5°	2051.3	1829.5	1613.5	1407.2	1216.8	1038.2	875.5	721.5	586.2	466.8	350.2
2.5°	2071.4	1845.1	1628.8	1417.6	1227.0	1045.6	880.8	725.6	589.4	468.8	350.6
0°	2082.8	1852.6	1637.3	1422.0	1232.2	1048.9	882.6	727.0	590.5	469.0	349.6
-2.5°	2071.4	1845.1	1628.8	1417.6	1227.0	1045.6	880.8	725.6	589.4	468.8	350.6
-5°	2051.3	1829.5	1613.5	1407.2	1216.8	1038.2	875.5	721.5	586.2	466.8	350.2
-7.5°	2028.6	1808.7	1594.1	1391.3	1201.8	1026.8	866.7	714.5	580.9	463.1	348.3
-10°	1998.7	1782.1	1571.7	1372.3	1185.4	1012.8	854.6	704.9	573.5	457.6	345.1
-12.5°	1960.2	1748.1	1542.6	1347.7	1164.8	995.9	840.4	693.7	564.4	450.4	340.5
-15°	1913.5	1706.9	1507.1	1317.6	1139.4	975.3	822.9	680.4	554.7	442.2	334.4
-17.5°	1859.1	1659.0	1465.2	1282.2	1109.2	950.9	802.3	664.6	543.0	433.0	328.0
-20°	1800.6	1606.2	1417.8	1241.6	1074.3	922.9	778.5	646.2	529.3	422.5	321.3

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

Scaled Data Report



REPORT NUMBER: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1735.6	1548.5	1368.1	1198.1	1036.8	891.4	751.8	625.4	513.8	410.7	313.7
-25°	1664.1	1484.4	1312.6	1150.2	998.3	858.3	724.0	602.1	496.4	397.6	305.2
-27.5°	1587.8	1415.4	1251.4	1098.1	956.7	822.2	695.4	580.3	478.0	383.5	295.9
-30°	1506.0	1343.7	1189.3	1044.0	911.9	784.1	664.5	556.8	459.9	369.9	286.0
-32.5°	1417.3	1266.2	1124.6	991.8	866.3	744.0	631.7	531.3	440.9	356.8	277.4
-35°	1327.0	1189.0	1057.0	936.5	819.2	705.8	599.0	504.2	421.0	343.1	268.8
-37.5°	1233.5	1110.1	994.0	880.4	769.9	665.2	567.2	478.5	400.2	329.1	259.6
-40°	1145.2	1031.6	925.9	824.6	722.0	622.4	533.3	453.0	382.2	314.6	249.9
-42.5°	1054.4	955.0	859.6	766.3	673.2	582.8	498.0	425.8	363.3	301.8	239.6
-45°	969.0	878.6	793.2	709.4	623.1	541.2	466.1	397.9	343.0	289.4	228.7
-47.5°	883.6	806.2	729.2	651.6	575.3	499.3	432.5	374.2	321.9	276.5	216.9
-50°	805.6	736.2	667.0	596.0	524.9	460.5	399.3	349.5	303.2	259.8	204.1
-52.5°	730.7	670.2	605.6	539.8	478.7	419.9	370.9	324.2	283.9	241.5	190.4
-55°	659.1	604.0	543.8	486.9	432.3	385.3	341.4	302.2	264.0	222.2	175.9
-57.5°	587.6	536.5	485.5	435.1	390.5	351.1	314.6	279.5	242.3	202.4	162.0
-60°	517.0	473.5	428.2	388.2	351.1	318.3	289.3	255.9	219.9	182.3	145.8
-62.5°	450.0	411.8	377.6	343.4	313.2	287.2	263.3	231.1	197.1	161.9	128.5
-65°	386.2	356.2	327.4	300.6	276.3	254.9	235.0	205.8	172.8	140.7	111.1
-67.5°	324.3	301.8	279.2	257.5	239.6	222.4	205.5	177.6	147.3	118.7	94.4
-70°	268.2	249.2	232.3	217.7	203.6	189.0	171.4	147.5	121.0	98.4	77.2
-72.5°	213.0	200.3	189.0	178.3	166.5	152.7	136.7	117.2	96.9	77.7	59.7
-75°	158.4	153.2	147.5	140.0	129.1	116.7	104.1	89.0	72.3	56.5	45.0
-77.5°	114.9	111.7	107.7	103.1	94.6	84.7	73.3	60.3	49.4	40.6	31.4
-80°	76.0	75.2	73.4	70.0	62.0	53.0	46.2	39.2	32.3	25.1	17.7
-82.5°	42.1	42.5	42.5	41.2	36.4	31.3	25.9	20.4	15.1	9.6	7.6
-85°	20.1	19.7	18.6	16.9	13.3	9.6	8.3	7.2	6.5	5.8	5.1
-87.5°	6.1	6.2	6.2	6.1	5.4	4.8	4.2	3.6	3.3	2.9	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-VWR-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°	2.2	1.8	1.5	1.1	0.7	0.3	0.0
85°	4.4	3.7	2.9	2.2	1.5	0.6	0.0
82.5°	6.6	5.5	4.4	3.3	2.2	1.0	0.0
80°	9.9	7.3	5.9	4.4	2.9	1.3	0.0
77.5°	21.6	11.5	7.3	5.5	3.7	1.6	0.0
75°	33.0	19.9	9.5	6.6	4.4	1.9	0.0
72.5°	44.1	28.1	15.2	7.6	5.0	2.2	0.0
70°	55.2	36.0	20.7	9.2	5.7	2.5	0.0
67.5°	68.5	43.5	26.0	12.6	6.4	2.8	0.0
65°	81.2	52.0	31.1	15.8	7.0	3.1	0.0
62.5°	93.2	61.2	35.9	19.0	7.6	3.4	0.0
60°	104.6	70.0	40.4	21.9	8.2	3.7	0.0
57.5°	116.6	78.2	46.4	24.7	9.9	3.9	0.0
55°	127.9	85.9	52.1	27.3	11.5	4.2	0.0
52.5°	138.4	93.1	57.4	29.7	13.1	4.4	0.0
50°	148.0	100.8	62.3	31.9	14.6	4.6	0.0
47.5°	157.1	107.9	66.7	34.2	16.0	4.8	0.0
45°	167.1	114.2	70.7	37.1	17.3	5.0	0.0
42.5°	176.3	119.9	74.3	39.8	18.6	5.2	0.0
40°	184.6	124.8	77.8	42.5	19.8	5.4	0.0
37.5°	192.1	129.0	81.4	45.2	20.9	5.6	0.0
35°	198.6	133.9	84.4	47.8	22.0	5.7	0.0
32.5°	204.7	138.8	87.0	50.1	23.0	5.9	0.0
30°	211.1	142.9	89.0	52.2	23.8	6.0	0.0
27.5°	216.8	146.4	92.1	54.1	24.6	6.1	0.0
25°	221.8	149.1	94.9	55.9	25.3	6.2	0.0
22.5°	226.1	151.9	97.4	57.4	26.0	6.3	0.0
20°	229.6	155.6	99.6	58.7	26.5	6.4	0.0
17.5°	234.1	158.7	101.4	59.8	27.0	6.4	0.0
15°	238.7	161.1	102.9	60.7	27.3	6.4	0.0
12.5°	242.4	162.8	104.0	61.4	27.6	6.5	0.0
10°	245.3	163.9	104.8	61.9	27.8	6.5	0.0
7.5°	247.2	164.3	105.2	62.2	27.9	6.5	0.0
5°	248.2	164.2	105.3	62.2	27.9	6.5	0.0
2.5°	248.2	163.4	105.1	62.1	27.8	6.4	0.0
0°	247.3	162.0	104.5	61.8	27.7	6.4	0.0
-2.5°	248.2	163.4	105.1	62.1	27.8	6.4	0.0
-5°	248.2	164.2	105.3	62.2	27.9	6.5	0.0
-7.5°	247.2	164.3	105.2	62.2	27.9	6.5	0.0
-10°	245.3	163.9	104.8	61.9	27.8	6.5	0.0
-12.5°	242.4	162.8	104.0	61.4	27.6	6.5	0.0
-15°	238.7	161.1	102.9	60.7	27.3	6.4	0.0
-17.5°	234.1	158.7	101.4	59.8	27.0	6.4	0.0
-20°	229.6	155.6	99.6	58.7	26.5	6.4	0.0

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

Scaled Data Report



REPORT NUMBER: P627071 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	226.1	151.9	97.4	57.4	26.0	6.3	0.0
-25°	221.8	149.1	94.9	55.9	25.3	6.2	0.0
-27.5°	216.8	146.4	92.1	54.1	24.6	6.1	0.0
-30°	211.1	142.9	89.0	52.2	23.8	6.0	0.0
-32.5°	204.7	138.8	87.0	50.1	23.0	5.9	0.0
-35°	198.6	133.9	84.4	47.8	22.0	5.7	0.0
-37.5°	192.1	129.0	81.4	45.2	20.9	5.6	0.0
-40°	184.6	124.8	77.8	42.5	19.8	5.4	0.0
-42.5°	176.3	119.9	74.3	39.8	18.6	5.2	0.0
-45°	167.1	114.2	70.7	37.1	17.3	5.0	0.0
-47.5°	157.1	107.9	66.7	34.2	16.0	4.8	0.0
-50°	148.0	100.8	62.3	31.9	14.6	4.6	0.0
-52.5°	138.4	93.1	57.4	29.7	13.1	4.4	0.0
-55°	127.9	85.9	52.1	27.3	11.5	4.2	0.0
-57.5°	116.6	78.2	46.4	24.7	9.9	3.9	0.0
-60°	104.6	70.0	40.4	21.9	8.2	3.7	0.0
-62.5°	93.2	61.2	35.9	19.0	7.6	3.4	0.0
-65°	81.2	52.0	31.1	15.8	7.0	3.1	0.0
-67.5°	68.5	43.5	26.0	12.6	6.4	2.8	0.0
-70°	55.2	36.0	20.7	9.2	5.7	2.5	0.0
-72.5°	44.1	28.1	15.2	7.6	5.0	2.2	0.0
-75°	33.0	19.9	9.5	6.6	4.4	1.9	0.0
-77.5°	21.6	11.5	7.3	5.5	3.7	1.6	0.0
-80°	9.9	7.3	5.9	4.4	2.9	1.3	0.0
-82.5°	6.6	5.5	4.4	3.3	2.2	1.0	0.0
-85°	4.4	3.7	2.9	2.2	1.5	0.6	0.0
-87.5°	2.2	1.8	1.5	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)