

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: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627407 (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-SA4C-740-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N100
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

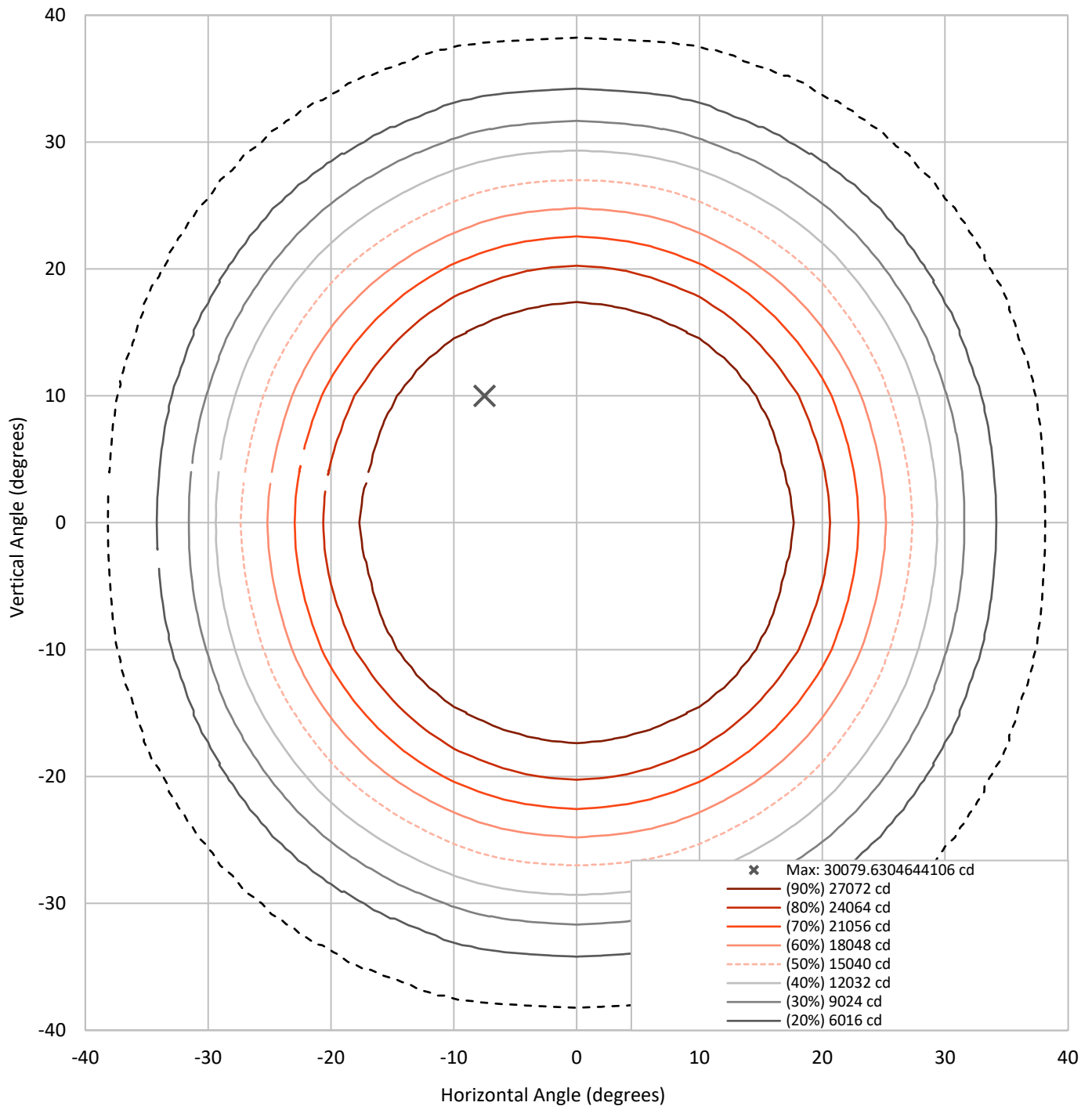
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	25600.6 lumens	Max Intensity:	30079.6 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	152.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	16992.1 lumens	Field Lumens:	22094.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	168.2		
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





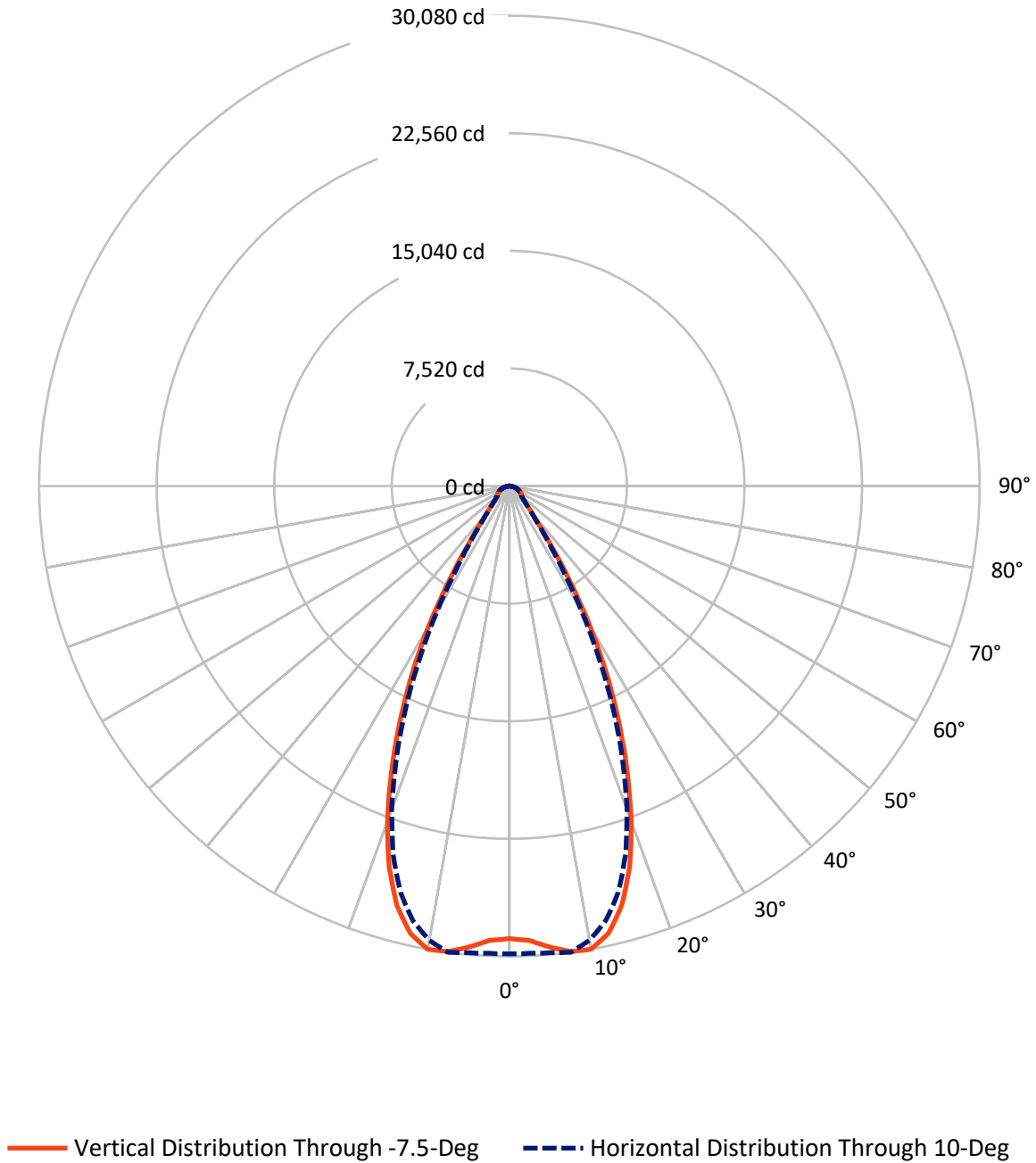
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Lumen Table

90																			
80	0.7	6.0		16.1		25.4		28.4		25.4		16.1		6.0		0.7			
70																			
60	2.7	3.1	6.3	10.2	14.3	17.4	19.7	20.8	20.8	19.7	17.4	14.3	10.2	6.3	3.1	2.7			
50		4.6	9.2	14.8	19.7	23.9	26.7	27.9	27.9	26.7	23.9	19.7	14.8	9.2	4.6				
40	4.8	5.9	11.7	17.9	24.0	31.3	39.3	45.1	45.1	39.3	31.3	24.0	17.9	11.7	5.9	4.8			
30		7.1	13.6	20.6	31.9	58.2	111.4	165.1	165.1	111.4	58.2	31.9	20.6	13.6	7.1				
20	6.2	7.9	14.8	24.1	52.4	164.3	368.7	514.8	514.8	368.7	164.3	52.4	24.1	14.8	7.9	6.2			
10		8.4	15.6	28.6	94.8	350.4	669.1	837.4	837.4	669.1	350.4	94.8	28.6	15.6	8.4				
0	6.7	8.7	16.0	32.2	136.5	479.5	811.7	883.1	883.1	811.7	479.5	136.5	32.2	16.0	8.7	6.7			
-10		8.7	16.0	32.2	136.5	479.5	811.7	883.1	883.1	811.7	479.5	136.5	32.2	16.0	8.7				
-20	6.2	8.4	15.6	28.6	94.8	350.4	669.1	837.4	837.4	669.1	350.4	94.8	28.6	15.6	8.4	6.2			
-30		7.9	14.8	24.1	52.4	164.3	368.7	514.8	514.8	368.7	164.3	52.4	24.1	14.8	7.9				
-40	4.8	7.1	13.6	20.6	31.9	58.2	111.4	165.1	165.1	111.4	58.2	31.9	20.6	13.6	7.1	4.8			
-50		5.9	11.7	17.9	24.0	31.3	39.3	45.1	45.1	39.3	31.3	24.0	17.9	11.7	5.9				
-60	2.7	4.6	9.2	14.8	19.7	23.9	26.7	27.9	27.9	26.7	23.9	19.7	14.8	9.2	4.6	2.7			
-70		3.1	6.3	10.2	14.3	17.4	19.7	20.8	20.8	19.7	17.4	14.3	10.2	6.3	3.1				
-80																			
-90	0.7	6.0		16.1		25.4		28.4		25.4		16.1		6.0		0.7			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

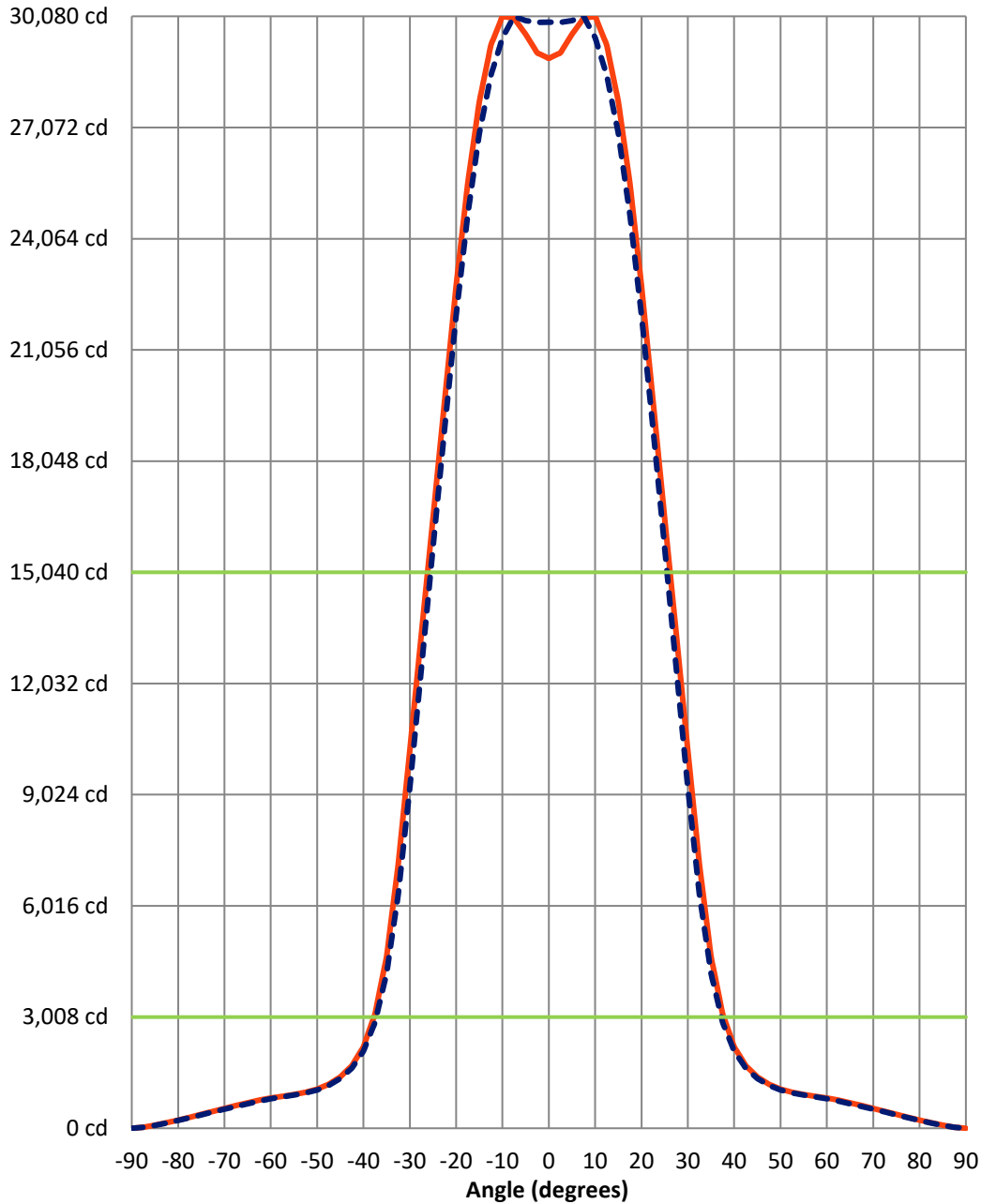
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 16992.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 22094.7
 Efficiency: 86.3%

Spill:
 Lumens: 3505.9
 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	1.1	2.3	3.4	4.6	5.7	6.8	8.3	9.9	11.6	13.3
85°	0.0	2.3	4.6	6.9	9.1	11.4	13.6	16.6	19.8	23.1	26.6
82.5°	0.0	3.4	6.9	10.3	13.7	17.0	20.4	24.8	30.2	38.0	45.5
80°	0.0	4.6	9.1	13.7	18.2	22.7	28.1	38.7	48.9	58.5	67.5
77.5°	0.0	5.7	11.4	17.0	22.7	30.6	42.8	55.4	67.5	78.8	91.0
75°	0.0	6.8	13.6	20.4	28.1	42.8	57.4	72.0	86.4	102.9	119.3
72.5°	0.0	7.9	15.8	23.7	37.7	54.8	71.8	89.4	108.9	128.3	147.3
70°	0.0	9.0	18.0	27.7	47.3	66.7	86.3	108.9	131.3	153.3	176.4
67.5°	0.0	10.1	20.1	34.7	56.6	78.4	102.8	128.3	153.3	179.1	205.3
65°	0.0	11.1	22.2	41.6	65.9	90.8	118.9	147.3	175.4	204.3	234.9
62.5°	0.0	12.1	24.3	48.4	74.9	103.8	134.6	165.9	197.1	229.7	266.6
60°	0.0	13.1	26.3	55.1	83.8	116.4	149.9	184.2	218.1	257.2	297.5
57.5°	0.0	14.1	30.5	61.5	93.4	128.6	165.2	201.9	241.1	284.0	326.6
55°	0.0	15.1	34.6	67.8	102.8	140.5	180.3	219.2	263.9	309.7	354.5
52.5°	0.0	16.0	38.6	74.0	111.9	152.1	194.9	238.3	285.9	334.1	381.7
50°	0.0	16.9	42.4	79.9	120.6	164.0	209.2	256.9	307.0	357.7	408.0
47.5°	0.0	17.8	46.1	85.7	129.0	175.6	223.3	274.8	327.3	380.6	433.4
45°	0.0	18.6	49.6	91.7	137.0	186.8	237.8	291.9	346.8	402.5	457.9
42.5°	0.0	19.4	52.9	97.4	144.6	197.6	251.7	308.1	365.4	423.5	480.9
40°	0.0	20.1	56.1	102.7	152.4	208.0	264.9	323.4	383.1	443.6	503.1
37.5°	0.0	20.9	59.0	107.6	160.2	217.8	277.3	337.9	400.3	463.0	524.5
35°	0.0	21.5	61.8	112.2	167.7	227.5	288.9	351.4	416.6	481.1	544.4
32.5°	0.0	22.2	64.4	116.6	174.7	236.6	299.8	364.0	432.1	498.0	561.9
30°	0.0	22.8	66.8	120.6	181.3	245.0	309.8	375.8	446.7	513.5	578.2
27.5°	0.0	23.3	68.9	124.3	187.1	252.8	319.0	387.4	460.0	527.7	593.3
25°	0.0	23.8	70.9	127.6	192.5	259.9	327.3	398.2	471.6	540.2	607.2
22.5°	0.0	24.3	72.6	130.7	197.2	266.2	334.8	408.1	481.9	551.4	619.7
20°	0.0	24.7	74.2	133.3	201.5	271.5	341.5	417.0	491.1	561.3	630.9
17.5°	0.0	25.1	75.5	135.7	205.2	276.2	347.5	424.9	499.1	570.0	640.7
15°	0.0	25.4	76.7	137.7	208.4	280.2	352.9	432.0	505.8	577.5	649.0
12.5°	0.0	25.7	77.6	139.3	211.1	283.5	357.5	438.3	511.9	583.7	656.0
10°	0.0	25.9	78.3	140.6	213.1	286.2	361.4	443.5	517.1	589.5	661.9
7.5°	0.0	26.1	78.8	141.5	214.6	288.1	364.5	447.5	521.1	594.1	667.1
5°	0.0	26.2	79.0	142.1	215.6	289.2	366.7	450.4	524.1	597.4	670.8
2.5°	0.0	26.3	79.1	142.3	216.0	289.7	368.0	452.1	525.8	599.4	673.1
0°	0.0	26.3	79.0	142.1	215.8	289.5	368.5	452.7	526.4	600.1	673.8
-2.5°	0.0	26.3	79.1	142.3	216.0	289.7	368.0	452.1	525.8	599.4	673.1
-5°	0.0	26.2	79.0	142.1	215.6	289.2	366.7	450.4	524.1	597.4	670.8
-7.5°	0.0	26.1	78.8	141.5	214.6	288.1	364.5	447.5	521.1	594.1	667.1
-10°	0.0	25.9	78.3	140.6	213.1	286.2	361.4	443.5	517.1	589.5	661.9
-12.5°	0.0	25.7	77.6	139.3	211.1	283.5	357.5	438.3	511.9	583.7	656.0
-15°	0.0	25.4	76.7	137.7	208.4	280.2	352.9	432.0	505.8	577.5	649.0
-17.5°	0.0	25.1	75.5	135.7	205.2	276.2	347.5	424.9	499.1	570.0	640.7
-20°	0.0	24.7	74.2	133.3	201.5	271.5	341.5	417.0	491.1	561.3	630.9

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CATALOG NUMBER: GFLD-SA4C-740-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	24.3	72.6	130.7	197.2	266.2	334.8	408.1	481.9	551.4	619.7
-25°	0.0	23.8	70.9	127.6	192.5	259.9	327.3	398.2	471.6	540.2	607.2
-27.5°	0.0	23.3	68.9	124.3	187.1	252.8	319.0	387.4	460.0	527.7	593.3
-30°	0.0	22.8	66.8	120.6	181.3	245.0	309.8	375.8	446.7	513.5	578.2
-32.5°	0.0	22.2	64.4	116.6	174.7	236.6	299.8	364.0	432.1	498.0	561.9
-35°	0.0	21.5	61.8	112.2	167.7	227.5	288.9	351.4	416.6	481.1	544.4
-37.5°	0.0	20.9	59.0	107.6	160.2	217.8	277.3	337.9	400.3	463.0	524.5
-40°	0.0	20.1	56.1	102.7	152.4	208.0	264.9	323.4	383.1	443.6	503.1
-42.5°	0.0	19.4	52.9	97.4	144.6	197.6	251.7	308.1	365.4	423.5	480.9
-45°	0.0	18.6	49.6	91.7	137.0	186.8	237.8	291.9	346.8	402.5	457.9
-47.5°	0.0	17.8	46.1	85.7	129.0	175.6	223.3	274.8	327.3	380.6	433.4
-50°	0.0	16.9	42.4	79.9	120.6	164.0	209.2	256.9	307.0	357.7	408.0
-52.5°	0.0	16.0	38.6	74.0	111.9	152.1	194.9	238.3	285.9	334.1	381.7
-55°	0.0	15.1	34.6	67.8	102.8	140.5	180.3	219.2	263.9	309.7	354.5
-57.5°	0.0	14.1	30.5	61.5	93.4	128.6	165.2	201.9	241.1	284.0	326.6
-60°	0.0	13.1	26.3	55.1	83.8	116.4	149.9	184.2	218.1	257.2	297.5
-62.5°	0.0	12.1	24.3	48.4	74.9	103.8	134.6	165.9	197.1	229.7	266.6
-65°	0.0	11.1	22.2	41.6	65.9	90.8	118.9	147.3	175.4	204.3	234.9
-67.5°	0.0	10.1	20.1	34.7	56.6	78.4	102.8	128.3	153.3	179.1	205.3
-70°	0.0	9.0	18.0	27.7	47.3	66.7	86.3	108.9	131.3	153.3	176.4
-72.5°	0.0	7.9	15.8	23.7	37.7	54.8	71.8	89.4	108.9	128.3	147.3
-75°	0.0	6.8	13.6	20.4	28.1	42.8	57.4	72.0	86.4	102.9	119.3
-77.5°	0.0	5.7	11.4	17.0	22.7	30.6	42.8	55.4	67.5	78.8	91.0
-80°	0.0	4.6	9.1	13.7	18.2	22.7	28.1	38.7	48.9	58.5	67.5
-82.5°	0.0	3.4	6.9	10.3	13.7	17.0	20.4	24.8	30.2	38.0	45.5
-85°	0.0	2.3	4.6	6.9	9.1	11.4	13.6	16.6	19.8	23.1	26.6
-87.5°	0.0	1.1	2.3	3.4	4.6	5.7	6.8	8.3	9.9	11.6	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	14.6	15.8	17.0	18.1	19.2	20.3	21.3	22.3	23.3	24.2	25.1
85°	29.2	31.6	35.8	40.1	44.1	48.1	51.9	55.5	59.0	62.4	65.5
82.5°	52.2	59.0	66.0	73.1	79.3	85.2	91.0	97.0	102.9	108.9	114.8
80°	76.7	86.2	97.1	107.4	116.5	125.1	133.4	141.4	150.1	159.3	168.7
77.5°	105.1	118.6	131.4	143.3	154.8	167.4	179.5	191.1	203.2	215.2	226.6
75°	135.5	151.0	167.3	183.3	198.8	213.9	228.6	243.6	258.8	273.8	288.2
72.5°	166.9	186.5	205.7	224.4	243.7	262.5	280.7	298.2	316.3	334.8	352.4
70°	199.5	221.9	245.5	268.3	290.1	312.0	334.3	355.7	376.6	398.0	419.2
67.5°	232.4	260.5	287.1	312.4	338.0	363.9	388.9	414.6	439.3	464.2	488.0
65°	268.5	299.2	328.3	357.3	386.4	416.8	446.4	475.0	503.7	531.6	556.6
62.5°	304.0	336.6	368.9	401.8	436.5	470.6	503.0	535.8	569.2	598.3	623.6
60°	336.6	372.8	408.9	446.5	484.9	521.6	557.9	593.5	629.4	662.9	683.6
57.5°	368.1	408.2	448.2	488.7	529.1	570.1	608.1	647.3	680.7	708.9	732.9
55°	398.8	442.4	484.9	527.4	571.1	613.8	655.3	692.5	725.2	748.7	771.8
52.5°	428.7	474.6	518.6	564.5	610.9	656.3	699.6	734.2	760.9	784.9	806.5
50°	457.7	504.4	550.8	600.6	649.6	697.6	738.3	768.6	795.7	819.2	841.8
47.5°	484.8	533.5	583.1	635.5	687.0	733.5	770.9	802.5	830.3	855.6	882.4
45°	510.9	562.6	615.0	669.1	721.7	766.6	802.6	836.7	862.8	891.3	922.0
42.5°	536.3	590.5	645.5	701.3	754.5	796.5	832.5	863.7	894.3	928.1	965.2
40°	560.4	616.9	674.2	732.4	785.4	822.6	857.9	891.0	928.1	968.3	1011.2
37.5°	583.0	641.7	701.2	761.6	808.1	846.4	882.6	919.5	962.6	1009.2	1067.5
35°	604.1	664.8	726.3	784.2	828.5	869.2	906.5	947.7	998.1	1058.9	1133.7
32.5°	623.7	686.1	749.4	802.6	847.3	889.5	927.9	979.3	1039.8	1112.2	1218.0
30°	641.7	705.6	769.2	820.6	864.2	906.6	953.4	1011.2	1082.0	1187.8	1323.1
27.5°	658.5	723.4	784.7	835.7	879.4	923.0	977.7	1047.9	1141.2	1267.3	1435.6
25°	673.9	740.3	799.6	848.2	893.4	941.8	1001.3	1080.1	1202.8	1365.7	1593.1
22.5°	687.8	755.6	813.8	859.1	906.5	959.0	1028.4	1127.0	1268.4	1458.7	1751.9
20°	700.2	767.2	824.5	869.4	918.6	973.2	1052.5	1171.5	1342.0	1588.4	1962.7
17.5°	711.1	777.4	832.5	879.3	930.5	989.3	1076.0	1210.0	1407.4	1701.5	2175.8
15°	720.5	786.0	839.3	887.7	940.8	1007.7	1108.7	1260.3	1483.3	1819.2	2361.6
12.5°	728.2	793.2	844.8	894.6	949.3	1023.2	1136.7	1307.8	1562.1	1963.9	2635.2
10°	734.3	798.8	849.0	900.0	955.9	1035.5	1159.4	1346.6	1627.4	2089.1	2868.6
7.5°	740.0	802.9	851.9	903.7	960.7	1044.7	1176.7	1376.5	1677.5	2187.5	3053.4
5°	744.2	805.4	853.5	905.9	964.6	1050.8	1188.4	1397.3	1712.1	2257.8	3183.4
2.5°	746.7	806.2	853.8	906.5	967.6	1053.4	1194.5	1408.7	1739.3	2291.0	3253.3
0°	747.5	805.4	852.8	905.4	968.6	1052.8	1195.0	1410.8	1753.0	2289.9	3263.8
-2.5°	746.7	806.2	853.8	906.5	967.6	1053.4	1194.5	1408.7	1739.3	2291.0	3253.3
-5°	744.2	805.4	853.5	905.9	964.6	1050.8	1188.4	1397.3	1712.1	2257.8	3183.4
-7.5°	740.0	802.9	851.9	903.7	960.7	1044.7	1176.7	1376.5	1677.5	2187.5	3053.4
-10°	734.3	798.8	849.0	900.0	955.9	1035.5	1159.4	1346.6	1627.4	2089.1	2868.6
-12.5°	728.2	793.2	844.8	894.6	949.3	1023.2	1136.7	1307.8	1562.1	1963.9	2635.2
-15°	720.5	786.0	839.3	887.7	940.8	1007.7	1108.7	1260.3	1483.3	1819.2	2361.6
-17.5°	711.1	777.4	832.5	879.3	930.5	989.3	1076.0	1210.0	1407.4	1701.5	2175.8
-20°	700.2	767.2	824.5	869.4	918.6	973.2	1052.5	1171.5	1342.0	1588.4	1962.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	687.8	755.6	813.8	859.1	906.5	959.0	1028.4	1127.0	1268.4	1458.7	1751.9
-25°	673.9	740.3	799.6	848.2	893.4	941.8	1001.3	1080.1	1202.8	1365.7	1593.1
-27.5°	658.5	723.4	784.7	835.7	879.4	923.0	977.7	1047.9	1141.2	1267.3	1435.6
-30°	641.7	705.6	769.2	820.6	864.2	906.6	953.4	1011.2	1082.0	1187.8	1323.1
-32.5°	623.7	686.1	749.4	802.6	847.3	889.5	927.9	979.3	1039.8	1112.2	1218.0
-35°	604.1	664.8	726.3	784.2	828.5	869.2	906.5	947.7	998.1	1058.9	1133.7
-37.5°	583.0	641.7	701.2	761.6	808.1	846.4	882.6	919.5	962.6	1009.2	1067.5
-40°	560.4	616.9	674.2	732.4	785.4	822.6	857.9	891.0	928.1	968.3	1011.2
-42.5°	536.3	590.5	645.5	701.3	754.5	796.5	832.5	863.7	894.3	928.1	965.2
-45°	510.9	562.6	615.0	669.1	721.7	766.6	802.6	836.7	862.8	891.3	922.0
-47.5°	484.8	533.5	583.1	635.5	687.0	733.5	770.9	802.5	830.3	855.6	882.4
-50°	457.7	504.4	550.8	600.6	649.6	697.6	738.3	768.6	795.7	819.2	841.8
-52.5°	428.7	474.6	518.6	564.5	610.9	656.3	699.6	734.2	760.9	784.9	806.5
-55°	398.8	442.4	484.9	527.4	571.1	613.8	655.3	692.5	725.2	748.7	771.8
-57.5°	368.1	408.2	448.2	488.7	529.1	570.1	608.1	647.3	680.7	708.9	732.9
-60°	336.6	372.8	408.9	446.5	484.9	521.6	557.9	593.5	629.4	662.9	683.6
-62.5°	304.0	336.6	368.9	401.8	436.5	470.6	503.0	535.8	569.2	598.3	623.6
-65°	268.5	299.2	328.3	357.3	386.4	416.8	446.4	475.0	503.7	531.6	556.6
-67.5°	232.4	260.5	287.1	312.4	338.0	363.9	388.9	414.6	439.3	464.2	488.0
-70°	199.5	221.9	245.5	268.3	290.1	312.0	334.3	355.7	376.6	398.0	419.2
-72.5°	166.9	186.5	205.7	224.4	243.7	262.5	280.7	298.2	316.3	334.8	352.4
-75°	135.5	151.0	167.3	183.3	198.8	213.9	228.6	243.6	258.8	273.8	288.2
-77.5°	105.1	118.6	131.4	143.3	154.8	167.4	179.5	191.1	203.2	215.2	226.6
-80°	76.7	86.2	97.1	107.4	116.5	125.1	133.4	141.4	150.1	159.3	168.7
-82.5°	52.2	59.0	66.0	73.1	79.3	85.2	91.0	97.0	102.9	108.9	114.8
-85°	29.2	31.6	35.8	40.1	44.1	48.1	51.9	55.5	59.0	62.4	65.5
-87.5°	14.6	15.8	17.0	18.1	19.2	20.3	21.3	22.3	23.3	24.2	25.1
-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: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	25.9	25.5	25.1	24.5	23.8	25.5	27.2	28.9	30.5	29.6	28.5
85°	68.5	70.1	71.4	72.5	73.4	76.6	79.8	82.8	85.5	85.4	85.1
82.5°	120.6	124.4	127.8	130.8	133.4	137.3	140.7	143.7	146.2	148.1	149.7
80°	177.7	184.0	189.4	194.3	198.7	203.8	208.5	212.6	216.3	218.2	219.5
77.5°	238.0	247.2	255.4	263.3	270.7	278.1	284.8	290.8	296.0	297.3	297.0
75°	301.9	314.2	325.8	336.6	346.5	355.0	362.2	368.3	373.2	375.7	377.0
72.5°	369.2	384.4	398.0	410.4	420.9	429.7	437.3	443.9	449.4	453.0	455.1
70°	439.4	457.4	471.4	483.0	492.0	500.8	510.5	519.9	528.6	533.5	535.4
67.5°	509.8	528.4	541.3	551.8	560.1	568.7	581.0	592.1	602.0	608.7	613.0
65°	578.6	598.3	611.2	621.3	628.9	637.5	651.3	662.3	670.8	677.4	683.5
62.5°	646.8	666.6	680.9	692.9	703.9	713.4	724.8	734.0	741.2	747.8	755.3
60°	705.7	729.2	744.2	756.4	770.2	785.0	793.3	800.2	806.2	811.5	816.1
57.5°	753.9	774.8	794.2	808.8	823.1	836.8	846.7	853.2	858.4	862.4	863.9
55°	794.2	815.9	837.5	853.3	867.3	880.1	890.9	899.4	906.5	912.0	913.3
52.5°	830.4	854.7	875.8	894.1	912.6	927.8	939.7	951.2	961.3	969.4	972.9
50°	869.7	895.1	921.5	946.0	965.7	983.1	997.5	1013.8	1031.0	1045.1	1054.1
47.5°	911.0	940.3	972.2	1002.4	1025.7	1051.4	1075.3	1099.5	1131.5	1158.3	1178.2
45°	954.3	991.9	1028.3	1066.6	1098.9	1147.2	1192.1	1230.7	1281.9	1328.4	1365.3
42.5°	1005.3	1052.1	1096.8	1158.3	1222.5	1288.5	1359.9	1420.8	1500.9	1582.4	1648.3
40°	1065.8	1125.6	1204.4	1286.8	1388.2	1479.1	1602.3	1712.0	1835.0	1990.4	2118.8
37.5°	1138.6	1230.8	1340.4	1455.3	1613.4	1764.5	1968.2	2182.9	2377.6	2676.5	2928.0
35°	1233.2	1362.1	1506.4	1709.7	1933.6	2216.8	2534.5	2949.0	3304.4	3808.7	4290.6
32.5°	1355.0	1520.8	1756.4	2070.3	2401.2	2915.3	3419.4	4139.2	4805.7	5604.9	6467.4
30°	1490.6	1743.0	2103.0	2533.5	3150.7	3907.1	4795.7	5901.2	7111.0	8234.3	9341.2
27.5°	1687.2	2048.7	2521.7	3216.3	4178.3	5236.5	6793.5	8294.2	9859.8	11251.5	12412.2
25°	1916.7	2394.5	3125.7	4148.6	5449.6	7261.7	9125.5	10977.6	12661.3	14118.3	15400.7
22.5°	2213.0	2900.2	3875.1	5199.9	7225.9	9397.8	11583.4	13626.2	15422.2	17044.6	18432.9
20°	2535.3	3395.2	4787.4	6762.9	9079.8	11554.3	14022.0	16198.1	18175.6	20015.2	21579.9
17.5°	2943.8	4148.1	5911.1	8281.0	10959.7	13670.7	16263.2	18624.7	20868.3	22814.9	24449.7
15°	3292.0	4811.1	7112.0	9891.4	12788.8	15648.6	18385.7	20950.7	23283.3	25280.6	26817.5
12.5°	3756.3	5554.2	8178.3	11275.9	14415.7	17424.9	20307.8	22958.9	25332.8	27308.1	28504.5
10°	4195.3	6323.5	9208.9	12439.3	15701.3	18907.4	21985.6	24704.6	26908.6	28479.9	29499.5
7.5°	4568.5	6984.7	10047.2	13379.7	16722.7	20074.7	23190.6	25836.1	27868.3	29180.6	29890.3
5°	4847.1	7478.9	10669.5	14143.8	17574.2	20985.1	24076.7	26560.1	28316.6	29291.4	29647.8
2.5°	5024.7	7769.2	11030.7	14645.1	18144.1	21561.1	24684.4	27129.0	28619.2	29265.3	29326.7
0°	5095.7	7806.7	11086.3	14908.1	18287.7	21725.1	24857.3	27363.1	28731.7	29263.4	29252.9
-2.5°	5024.7	7769.2	11030.7	14645.1	18144.1	21561.1	24684.4	27129.0	28619.2	29265.3	29326.7
-5°	4847.1	7478.9	10669.5	14143.8	17574.2	20985.1	24076.7	26560.1	28316.6	29291.4	29647.8
-7.5°	4568.5	6984.7	10047.2	13379.7	16722.7	20074.7	23190.6	25836.1	27868.3	29180.6	29890.3
-10°	4195.3	6323.5	9208.9	12439.3	15701.3	18907.4	21985.6	24704.6	26908.6	28479.9	29499.5
-12.5°	3756.3	5554.2	8178.3	11275.9	14415.7	17424.9	20307.8	22958.9	25332.8	27308.1	28504.5
-15°	3292.0	4811.1	7112.0	9891.4	12788.8	15648.6	18385.7	20950.7	23283.3	25280.6	26817.5
-17.5°	2943.8	4148.1	5911.1	8281.0	10959.7	13670.7	16263.2	18624.7	20868.3	22814.9	24449.7
-20°	2535.3	3395.2	4787.4	6762.9	9079.8	11554.3	14022.0	16198.1	18175.6	20015.2	21579.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2213.0	2900.2	3875.1	5199.9	7225.9	9397.8	11583.4	13626.2	15422.2	17044.6	18432.9
-25°	1916.7	2394.5	3125.7	4148.6	5449.6	7261.7	9125.5	10977.6	12661.3	14118.3	15400.7
-27.5°	1687.2	2048.7	2521.7	3216.3	4178.3	5236.5	6793.5	8294.2	9859.8	11251.5	12412.2
-30°	1490.6	1743.0	2103.0	2533.5	3150.7	3907.1	4795.7	5901.2	7111.0	8234.3	9341.2
-32.5°	1355.0	1520.8	1756.4	2070.3	2401.2	2915.3	3419.4	4139.2	4805.7	5604.9	6467.4
-35°	1233.2	1362.1	1506.4	1709.7	1933.6	2216.8	2534.5	2949.0	3304.4	3808.7	4290.6
-37.5°	1138.6	1230.8	1340.4	1455.3	1613.4	1764.5	1968.2	2182.9	2377.6	2676.5	2928.0
-40°	1065.8	1125.6	1204.4	1286.8	1388.2	1479.1	1602.3	1712.0	1835.0	1990.4	2118.8
-42.5°	1005.3	1052.1	1096.8	1158.3	1222.5	1288.5	1359.9	1420.8	1500.9	1582.4	1648.3
-45°	954.3	991.9	1028.3	1066.6	1098.9	1147.2	1192.1	1230.7	1281.9	1328.4	1365.3
-47.5°	911.0	940.3	972.2	1002.4	1025.7	1051.4	1075.3	1099.5	1131.5	1158.3	1178.2
-50°	869.7	895.1	921.5	946.0	965.7	983.1	997.5	1013.8	1031.0	1045.1	1054.1
-52.5°	830.4	854.7	875.8	894.1	912.6	927.8	939.7	951.2	961.3	969.4	972.9
-55°	794.2	815.9	837.5	853.3	867.3	880.1	890.9	899.4	906.5	912.0	913.3
-57.5°	753.9	774.8	794.2	808.8	823.1	836.8	846.7	853.2	858.4	862.4	863.9
-60°	705.7	729.2	744.2	756.4	770.2	785.0	793.3	800.2	806.2	811.5	816.1
-62.5°	646.8	666.6	680.9	692.9	703.9	713.4	724.8	734.0	741.2	747.8	755.3
-65°	578.6	598.3	611.2	621.3	628.9	637.5	651.3	662.3	670.8	677.4	683.5
-67.5°	509.8	528.4	541.3	551.8	560.1	568.7	581.0	592.1	602.0	608.7	613.0
-70°	439.4	457.4	471.4	483.0	492.0	500.8	510.5	519.9	528.6	533.5	535.4
-72.5°	369.2	384.4	398.0	410.4	420.9	429.7	437.3	443.9	449.4	453.0	455.1
-75°	301.9	314.2	325.8	336.6	346.5	355.0	362.2	368.3	373.2	375.7	377.0
-77.5°	238.0	247.2	255.4	263.3	270.7	278.1	284.8	290.8	296.0	297.3	297.0
-80°	177.7	184.0	189.4	194.3	198.7	203.8	208.5	212.6	216.3	218.2	219.5
-82.5°	120.6	124.4	127.8	130.8	133.4	137.3	140.7	143.7	146.2	148.1	149.7
-85°	68.5	70.1	71.4	72.5	73.4	76.6	79.8	82.8	85.5	85.4	85.1
-87.5°	25.9	25.5	25.1	24.5	23.8	25.5	27.2	28.9	30.5	29.6	28.5
-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: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	27.4	26.2	26.3	26.3	26.3	26.2	27.4	28.5	29.6	30.5	28.9
85°	84.5	83.8	81.5	79.0	81.5	83.8	84.5	85.1	85.4	85.5	82.8
82.5°	151.0	151.9	149.9	147.4	149.9	151.9	151.0	149.7	148.1	146.2	143.7
80°	220.1	220.1	218.2	215.8	218.2	220.1	220.1	219.5	218.2	216.3	212.6
77.5°	295.7	293.6	294.4	294.8	294.4	293.6	295.7	297.0	297.3	296.0	290.8
75°	377.6	377.2	376.0	373.8	376.0	377.2	377.6	377.0	375.7	373.2	368.3
72.5°	456.1	456.1	454.9	452.7	454.9	456.1	456.1	455.1	453.0	449.4	443.9
70°	535.9	534.9	536.3	536.9	536.3	534.9	535.9	535.4	533.5	528.6	519.9
67.5°	616.2	618.4	618.0	615.9	618.0	618.4	616.2	613.0	608.7	602.0	592.1
65°	688.3	691.9	694.1	694.9	694.1	691.9	688.3	683.5	677.4	670.8	662.3
62.5°	761.1	765.3	765.5	763.3	765.5	765.3	761.1	755.3	747.8	741.2	734.0
60°	818.6	819.3	818.3	815.9	818.3	819.3	818.6	816.1	811.5	806.2	800.2
57.5°	863.9	862.4	860.6	858.1	860.6	862.4	863.9	863.9	862.4	858.4	853.2
55°	912.6	910.1	907.9	905.4	907.9	910.1	912.6	913.3	912.0	906.5	899.4
52.5°	973.7	972.4	970.9	968.6	970.9	972.4	973.7	972.9	969.4	961.3	951.2
50°	1058.7	1060.0	1059.9	1058.1	1059.9	1060.0	1058.7	1054.1	1045.1	1031.0	1013.8
47.5°	1190.8	1197.9	1202.6	1205.5	1202.6	1197.9	1190.8	1178.2	1158.3	1131.5	1099.5
45°	1389.0	1403.1	1413.0	1421.3	1413.0	1403.1	1389.0	1365.3	1328.4	1281.9	1230.7
42.5°	1694.6	1726.1	1741.0	1737.2	1741.0	1726.1	1694.6	1648.3	1582.4	1500.9	1420.8
40°	2204.3	2255.2	2283.3	2305.7	2283.3	2255.2	2204.3	2118.8	1990.4	1835.0	1712.0
37.5°	3099.7	3198.3	3250.2	3295.4	3250.2	3198.3	3099.7	2928.0	2676.5	2377.6	2182.9
35°	4650.6	4872.4	4991.2	5032.5	4991.2	4872.4	4650.6	4290.6	3808.7	3304.4	2949.0
32.5°	7138.6	7547.7	7774.0	7948.9	7774.0	7547.7	7138.6	6467.4	5604.9	4805.7	4139.2
30°	10217.8	10756.7	11056.0	11202.1	11056.0	10756.7	10217.8	9341.2	8234.3	7111.0	5901.2
27.5°	13374.2	13986.9	14309.6	14292.2	14309.6	13986.9	13374.2	12412.2	11251.5	9859.8	8294.2
25°	16500.2	17209.8	17531.3	17819.1	17531.3	17209.8	16500.2	15400.7	14118.3	12661.3	10977.6
22.5°	19661.7	20491.5	20944.3	21156.6	20944.3	20491.5	19661.7	18432.9	17044.6	15422.2	13626.2
20°	22785.7	23709.4	24190.1	24399.3	24190.1	23709.4	22785.7	21579.9	20015.2	18175.6	16198.1
17.5°	25556.3	26458.0	26916.2	27110.4	26916.2	26458.0	25556.3	24449.7	22814.9	20868.3	18624.7
15°	27768.6	28433.7	28823.3	28926.5	28823.3	28433.7	27768.6	26817.5	25280.6	23283.3	20950.7
12.5°	29297.8	29555.4	29742.8	29800.4	29742.8	29555.4	29297.8	28504.5	27308.1	25332.8	22958.9
10°	30079.6	29963.4	29915.3	29921.4	29915.3	29963.4	30079.6	29499.5	28479.9	26908.6	24704.6
7.5°	30025.8	29853.7	29508.0	29452.9	29508.0	29853.7	30025.8	29890.3	29180.6	27868.3	25836.1
5°	29594.4	29281.1	28707.2	28542.2	28707.2	29281.1	29594.4	29647.8	29291.4	28316.6	26560.1
2.5°	29091.7	28526.7	27998.0	27657.8	27998.0	28526.7	29091.7	29326.7	29265.3	28619.2	27129.0
0°	28942.3	28289.5	27605.2	27384.1	27605.2	28289.5	28942.3	29252.9	29263.4	28731.7	27363.1
-2.5°	29091.7	28526.7	27998.0	27657.8	27998.0	28526.7	29091.7	29326.7	29265.3	28619.2	27129.0
-5°	29594.4	29281.1	28707.2	28542.2	28707.2	29281.1	29594.4	29647.8	29291.4	28316.6	26560.1
-7.5°	30025.8	29853.7	29508.0	29452.9	29508.0	29853.7	30025.8	29890.3	29180.6	27868.3	25836.1
-10°	30079.6	29963.4	29915.3	29921.4	29915.3	29963.4	30079.6	29499.5	28479.9	26908.6	24704.6
-12.5°	29297.8	29555.4	29742.8	29800.4	29742.8	29555.4	29297.8	28504.5	27308.1	25332.8	22958.9
-15°	27768.6	28433.7	28823.3	28926.5	28823.3	28433.7	27768.6	26817.5	25280.6	23283.3	20950.7
-17.5°	25556.3	26458.0	26916.2	27110.4	26916.2	26458.0	25556.3	24449.7	22814.9	20868.3	18624.7
-20°	22785.7	23709.4	24190.1	24399.3	24190.1	23709.4	22785.7	21579.9	20015.2	18175.6	16198.1



REPORT NUMBER: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	19661.7	20491.5	20944.3	21156.6	20944.3	20491.5	19661.7	18432.9	17044.6	15422.2	13626.2
-25°	16500.2	17209.8	17531.3	17819.1	17531.3	17209.8	16500.2	15400.7	14118.3	12661.3	10977.6
-27.5°	13374.2	13986.9	14309.6	14292.2	14309.6	13986.9	13374.2	12412.2	11251.5	9859.8	8294.2
-30°	10217.8	10756.7	11056.0	11202.1	11056.0	10756.7	10217.8	9341.2	8234.3	7111.0	5901.2
-32.5°	7138.6	7547.7	7774.0	7948.9	7774.0	7547.7	7138.6	6467.4	5604.9	4805.7	4139.2
-35°	4650.6	4872.4	4991.2	5032.5	4991.2	4872.4	4650.6	4290.6	3808.7	3304.4	2949.0
-37.5°	3099.7	3198.3	3250.2	3295.4	3250.2	3198.3	3099.7	2928.0	2676.5	2377.6	2182.9
-40°	2204.3	2255.2	2283.3	2305.7	2283.3	2255.2	2204.3	2118.8	1990.4	1835.0	1712.0
-42.5°	1694.6	1726.1	1741.0	1737.2	1741.0	1726.1	1694.6	1648.3	1582.4	1500.9	1420.8
-45°	1389.0	1403.1	1413.0	1421.3	1413.0	1403.1	1389.0	1365.3	1328.4	1281.9	1230.7
-47.5°	1190.8	1197.9	1202.6	1205.5	1202.6	1197.9	1190.8	1178.2	1158.3	1131.5	1099.5
-50°	1058.7	1060.0	1059.9	1058.1	1059.9	1060.0	1058.7	1054.1	1045.1	1031.0	1013.8
-52.5°	973.7	972.4	970.9	968.6	970.9	972.4	973.7	972.9	969.4	961.3	951.2
-55°	912.6	910.1	907.9	905.4	907.9	910.1	912.6	913.3	912.0	906.5	899.4
-57.5°	863.9	862.4	860.6	858.1	860.6	862.4	863.9	863.9	862.4	858.4	853.2
-60°	818.6	819.3	818.3	815.9	818.3	819.3	818.6	816.1	811.5	806.2	800.2
-62.5°	761.1	765.3	765.5	763.3	765.5	765.3	761.1	755.3	747.8	741.2	734.0
-65°	688.3	691.9	694.1	694.9	694.1	691.9	688.3	683.5	677.4	670.8	662.3
-67.5°	616.2	618.4	618.0	615.9	618.0	618.4	616.2	613.0	608.7	602.0	592.1
-70°	535.9	534.9	536.3	536.9	536.3	534.9	535.9	535.4	533.5	528.6	519.9
-72.5°	456.1	456.1	454.9	452.7	454.9	456.1	456.1	455.1	453.0	449.4	443.9
-75°	377.6	377.2	376.0	373.8	376.0	377.2	377.6	377.0	375.7	373.2	368.3
-77.5°	295.7	293.6	294.4	294.8	294.4	293.6	295.7	297.0	297.3	296.0	290.8
-80°	220.1	220.1	218.2	215.8	218.2	220.1	220.1	219.5	218.2	216.3	212.6
-82.5°	151.0	151.9	149.9	147.4	149.9	151.9	151.0	149.7	148.1	146.2	143.7
-85°	84.5	83.8	81.5	79.0	81.5	83.8	84.5	85.1	85.4	85.5	82.8
-87.5°	27.4	26.2	26.3	26.3	26.3	26.2	27.4	28.5	29.6	30.5	28.9
-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: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	27.2	25.5	23.8	24.5	25.1	25.5	25.9	25.1	24.2	23.3	22.3
85°	79.8	76.6	73.4	72.5	71.4	70.1	68.5	65.5	62.4	59.0	55.5
82.5°	140.7	137.3	133.4	130.8	127.8	124.4	120.6	114.8	108.9	102.9	97.0
80°	208.5	203.8	198.7	194.3	189.4	184.0	177.7	168.7	159.3	150.1	141.4
77.5°	284.8	278.1	270.7	263.3	255.4	247.2	238.0	226.6	215.2	203.2	191.1
75°	362.2	355.0	346.5	336.6	325.8	314.2	301.9	288.2	273.8	258.8	243.6
72.5°	437.3	429.7	420.9	410.4	398.0	384.4	369.2	352.4	334.8	316.3	298.2
70°	510.5	500.8	492.0	483.0	471.4	457.4	439.4	419.2	398.0	376.6	355.7
67.5°	581.0	568.7	560.1	551.8	541.3	528.4	509.8	488.0	464.2	439.3	414.6
65°	651.3	637.5	628.9	621.3	611.2	598.3	578.6	556.6	531.6	503.7	475.0
62.5°	724.8	713.4	703.9	692.9	680.9	666.6	646.8	623.6	598.3	569.2	535.8
60°	793.3	785.0	770.2	756.4	744.2	729.2	705.7	683.6	662.9	629.4	593.5
57.5°	846.7	836.8	823.1	808.8	794.2	774.8	753.9	732.9	708.9	680.7	647.3
55°	890.9	880.1	867.3	853.3	837.5	815.9	794.2	771.8	748.7	725.2	692.5
52.5°	939.7	927.8	912.6	894.1	875.8	854.7	830.4	806.5	784.9	760.9	734.2
50°	997.5	983.1	965.7	946.0	921.5	895.1	869.7	841.8	819.2	795.7	768.6
47.5°	1075.3	1051.4	1025.7	1002.4	972.2	940.3	911.0	882.4	855.6	830.3	802.5
45°	1192.1	1147.2	1098.9	1066.6	1028.3	991.9	954.3	922.0	891.3	862.8	836.7
42.5°	1359.9	1288.5	1222.5	1158.3	1096.8	1052.1	1005.3	965.2	928.1	894.3	863.7
40°	1602.3	1479.1	1388.2	1286.8	1204.4	1125.6	1065.8	1011.2	968.3	928.1	891.0
37.5°	1968.2	1764.5	1613.4	1455.3	1340.4	1230.8	1138.6	1067.5	1009.2	962.6	919.5
35°	2534.5	2216.8	1933.6	1709.7	1506.4	1362.1	1233.2	1133.7	1058.9	998.1	947.7
32.5°	3419.4	2915.3	2401.2	2070.3	1756.4	1520.8	1355.0	1218.0	1112.2	1039.8	979.3
30°	4795.7	3907.1	3150.7	2533.5	2103.0	1743.0	1490.6	1323.1	1187.8	1082.0	1011.2
27.5°	6793.5	5236.5	4178.3	3216.3	2521.7	2048.7	1687.2	1435.6	1267.3	1141.2	1047.9
25°	9125.5	7261.7	5449.6	4148.6	3125.7	2394.5	1916.7	1593.1	1365.7	1202.8	1080.1
22.5°	11583.4	9397.8	7225.9	5199.9	3875.1	2900.2	2213.0	1751.9	1458.7	1268.4	1127.0
20°	14022.0	11554.3	9079.8	6762.9	4787.4	3395.2	2535.3	1962.7	1588.4	1342.0	1171.5
17.5°	16263.2	13670.7	10959.7	8281.0	5911.1	4148.1	2943.8	2175.8	1701.5	1407.4	1210.0
15°	18385.7	15648.6	12788.8	9891.4	7112.0	4811.1	3292.0	2361.6	1819.2	1483.3	1260.3
12.5°	20307.8	17424.9	14415.7	11275.9	8178.3	5554.2	3756.3	2635.2	1963.9	1562.1	1307.8
10°	21985.6	18907.4	15701.3	12439.3	9208.9	6323.5	4195.3	2868.6	2089.1	1627.4	1346.6
7.5°	23190.6	20074.7	16722.7	13379.7	10047.2	6984.7	4568.5	3053.4	2187.5	1677.5	1376.5
5°	24076.7	20985.1	17574.2	14143.8	10669.5	7478.9	4847.1	3183.4	2257.8	1712.1	1397.3
2.5°	24684.4	21561.1	18144.1	14645.1	11030.7	7769.2	5024.7	3253.3	2291.0	1739.3	1408.7
0°	24857.3	21725.1	18287.7	14908.1	11086.3	7806.7	5095.7	3263.8	2289.9	1753.0	1410.8
-2.5°	24684.4	21561.1	18144.1	14645.1	11030.7	7769.2	5024.7	3253.3	2291.0	1739.3	1408.7
-5°	24076.7	20985.1	17574.2	14143.8	10669.5	7478.9	4847.1	3183.4	2257.8	1712.1	1397.3
-7.5°	23190.6	20074.7	16722.7	13379.7	10047.2	6984.7	4568.5	3053.4	2187.5	1677.5	1376.5
-10°	21985.6	18907.4	15701.3	12439.3	9208.9	6323.5	4195.3	2868.6	2089.1	1627.4	1346.6
-12.5°	20307.8	17424.9	14415.7	11275.9	8178.3	5554.2	3756.3	2635.2	1963.9	1562.1	1307.8
-15°	18385.7	15648.6	12788.8	9891.4	7112.0	4811.1	3292.0	2361.6	1819.2	1483.3	1260.3
-17.5°	16263.2	13670.7	10959.7	8281.0	5911.1	4148.1	2943.8	2175.8	1701.5	1407.4	1210.0
-20°	14022.0	11554.3	9079.8	6762.9	4787.4	3395.2	2535.3	1962.7	1588.4	1342.0	1171.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11583.4	9397.8	7225.9	5199.9	3875.1	2900.2	2213.0	1751.9	1458.7	1268.4	1127.0
-25°	9125.5	7261.7	5449.6	4148.6	3125.7	2394.5	1916.7	1593.1	1365.7	1202.8	1080.1
-27.5°	6793.5	5236.5	4178.3	3216.3	2521.7	2048.7	1687.2	1435.6	1267.3	1141.2	1047.9
-30°	4795.7	3907.1	3150.7	2533.5	2103.0	1743.0	1490.6	1323.1	1187.8	1082.0	1011.2
-32.5°	3419.4	2915.3	2401.2	2070.3	1756.4	1520.8	1355.0	1218.0	1112.2	1039.8	979.3
-35°	2534.5	2216.8	1933.6	1709.7	1506.4	1362.1	1233.2	1133.7	1058.9	998.1	947.7
-37.5°	1968.2	1764.5	1613.4	1455.3	1340.4	1230.8	1138.6	1067.5	1009.2	962.6	919.5
-40°	1602.3	1479.1	1388.2	1286.8	1204.4	1125.6	1065.8	1011.2	968.3	928.1	891.0
-42.5°	1359.9	1288.5	1222.5	1158.3	1096.8	1052.1	1005.3	965.2	928.1	894.3	863.7
-45°	1192.1	1147.2	1098.9	1066.6	1028.3	991.9	954.3	922.0	891.3	862.8	836.7
-47.5°	1075.3	1051.4	1025.7	1002.4	972.2	940.3	911.0	882.4	855.6	830.3	802.5
-50°	997.5	983.1	965.7	946.0	921.5	895.1	869.7	841.8	819.2	795.7	768.6
-52.5°	939.7	927.8	912.6	894.1	875.8	854.7	830.4	806.5	784.9	760.9	734.2
-55°	890.9	880.1	867.3	853.3	837.5	815.9	794.2	771.8	748.7	725.2	692.5
-57.5°	846.7	836.8	823.1	808.8	794.2	774.8	753.9	732.9	708.9	680.7	647.3
-60°	793.3	785.0	770.2	756.4	744.2	729.2	705.7	683.6	662.9	629.4	593.5
-62.5°	724.8	713.4	703.9	692.9	680.9	666.6	646.8	623.6	598.3	569.2	535.8
-65°	651.3	637.5	628.9	621.3	611.2	598.3	578.6	556.6	531.6	503.7	475.0
-67.5°	581.0	568.7	560.1	551.8	541.3	528.4	509.8	488.0	464.2	439.3	414.6
-70°	510.5	500.8	492.0	483.0	471.4	457.4	439.4	419.2	398.0	376.6	355.7
-72.5°	437.3	429.7	420.9	410.4	398.0	384.4	369.2	352.4	334.8	316.3	298.2
-75°	362.2	355.0	346.5	336.6	325.8	314.2	301.9	288.2	273.8	258.8	243.6
-77.5°	284.8	278.1	270.7	263.3	255.4	247.2	238.0	226.6	215.2	203.2	191.1
-80°	208.5	203.8	198.7	194.3	189.4	184.0	177.7	168.7	159.3	150.1	141.4
-82.5°	140.7	137.3	133.4	130.8	127.8	124.4	120.6	114.8	108.9	102.9	97.0
-85°	79.8	76.6	73.4	72.5	71.4	70.1	68.5	65.5	62.4	59.0	55.5
-87.5°	27.2	25.5	23.8	24.5	25.1	25.5	25.9	25.1	24.2	23.3	22.3
-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: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-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°	21.3	20.3	19.2	18.1	17.0	15.8	14.6	13.3	11.6	9.9	8.3
85°	51.9	48.1	44.1	40.1	35.8	31.6	29.2	26.6	23.1	19.8	16.6
82.5°	91.0	85.2	79.3	73.1	66.0	59.0	52.2	45.5	38.0	30.2	24.8
80°	133.4	125.1	116.5	107.4	97.1	86.2	76.7	67.5	58.5	48.9	38.7
77.5°	179.5	167.4	154.8	143.3	131.4	118.6	105.1	91.0	78.8	67.5	55.4
75°	228.6	213.9	198.8	183.3	167.3	151.0	135.5	119.3	102.9	86.4	72.0
72.5°	280.7	262.5	243.7	224.4	205.7	186.5	166.9	147.3	128.3	108.9	89.4
70°	334.3	312.0	290.1	268.3	245.5	221.9	199.5	176.4	153.3	131.3	108.9
67.5°	388.9	363.9	338.0	312.4	287.1	260.5	232.4	205.3	179.1	153.3	128.3
65°	446.4	416.8	386.4	357.3	328.3	299.2	268.5	234.9	204.3	175.4	147.3
62.5°	503.0	470.6	436.5	401.8	368.9	336.6	304.0	266.6	229.7	197.1	165.9
60°	557.9	521.6	484.9	446.5	408.9	372.8	336.6	297.5	257.2	218.1	184.2
57.5°	608.1	570.1	529.1	488.7	448.2	408.2	368.1	326.6	284.0	241.1	201.9
55°	655.3	613.8	571.1	527.4	484.9	442.4	398.8	354.5	309.7	263.9	219.2
52.5°	699.6	656.3	610.9	564.5	518.6	474.6	428.7	381.7	334.1	285.9	238.3
50°	738.3	697.6	649.6	600.6	550.8	504.4	457.7	408.0	357.7	307.0	256.9
47.5°	770.9	733.5	687.0	635.5	583.1	533.5	484.8	433.4	380.6	327.3	274.8
45°	802.6	766.6	721.7	669.1	615.0	562.6	510.9	457.9	402.5	346.8	291.9
42.5°	832.5	796.5	754.5	701.3	645.5	590.5	536.3	480.9	423.5	365.4	308.1
40°	857.9	822.6	785.4	732.4	674.2	616.9	560.4	503.1	443.6	383.1	323.4
37.5°	882.6	846.4	808.1	761.6	701.2	641.7	583.0	524.5	463.0	400.3	337.9
35°	906.5	869.2	828.5	784.2	726.3	664.8	604.1	544.4	481.1	416.6	351.4
32.5°	927.9	889.5	847.3	802.6	749.4	686.1	623.7	561.9	498.0	432.1	364.0
30°	953.4	906.6	864.2	820.6	769.2	705.6	641.7	578.2	513.5	446.7	375.8
27.5°	977.7	923.0	879.4	835.7	784.7	723.4	658.5	593.3	527.7	460.0	387.4
25°	1001.3	941.8	893.4	848.2	799.6	740.3	673.9	607.2	540.2	471.6	398.2
22.5°	1028.4	959.0	906.5	859.1	813.8	755.6	687.8	619.7	551.4	481.9	408.1
20°	1052.5	973.2	918.6	869.4	824.5	767.2	700.2	630.9	561.3	491.1	417.0
17.5°	1076.0	989.3	930.5	879.3	832.5	777.4	711.1	640.7	570.0	499.1	424.9
15°	1108.7	1007.7	940.8	887.7	839.3	786.0	720.5	649.0	577.5	505.8	432.0
12.5°	1136.7	1023.2	949.3	894.6	844.8	793.2	728.2	656.0	583.7	511.9	438.3
10°	1159.4	1035.5	955.9	900.0	849.0	798.8	734.3	661.9	589.5	517.1	443.5
7.5°	1176.7	1044.7	960.7	903.7	851.9	802.9	740.0	667.1	594.1	521.1	447.5
5°	1188.4	1050.8	964.6	905.9	853.5	805.4	744.2	670.8	597.4	524.1	450.4
2.5°	1194.5	1053.4	967.6	906.5	853.8	806.2	746.7	673.1	599.4	525.8	452.1
0°	1195.0	1052.8	968.6	905.4	852.8	805.4	747.5	673.8	600.1	526.4	452.7
-2.5°	1194.5	1053.4	967.6	906.5	853.8	806.2	746.7	673.1	599.4	525.8	452.1
-5°	1188.4	1050.8	964.6	905.9	853.5	805.4	744.2	670.8	597.4	524.1	450.4
-7.5°	1176.7	1044.7	960.7	903.7	851.9	802.9	740.0	667.1	594.1	521.1	447.5
-10°	1159.4	1035.5	955.9	900.0	849.0	798.8	734.3	661.9	589.5	517.1	443.5
-12.5°	1136.7	1023.2	949.3	894.6	844.8	793.2	728.2	656.0	583.7	511.9	438.3
-15°	1108.7	1007.7	940.8	887.7	839.3	786.0	720.5	649.0	577.5	505.8	432.0
-17.5°	1076.0	989.3	930.5	879.3	832.5	777.4	711.1	640.7	570.0	499.1	424.9
-20°	1052.5	973.2	918.6	869.4	824.5	767.2	700.2	630.9	561.3	491.1	417.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	1028.4	959.0	906.5	859.1	813.8	755.6	687.8	619.7	551.4	481.9	408.1
-25°	1001.3	941.8	893.4	848.2	799.6	740.3	673.9	607.2	540.2	471.6	398.2
-27.5°	977.7	923.0	879.4	835.7	784.7	723.4	658.5	593.3	527.7	460.0	387.4
-30°	953.4	906.6	864.2	820.6	769.2	705.6	641.7	578.2	513.5	446.7	375.8
-32.5°	927.9	889.5	847.3	802.6	749.4	686.1	623.7	561.9	498.0	432.1	364.0
-35°	906.5	869.2	828.5	784.2	726.3	664.8	604.1	544.4	481.1	416.6	351.4
-37.5°	882.6	846.4	808.1	761.6	701.2	641.7	583.0	524.5	463.0	400.3	337.9
-40°	857.9	822.6	785.4	732.4	674.2	616.9	560.4	503.1	443.6	383.1	323.4
-42.5°	832.5	796.5	754.5	701.3	645.5	590.5	536.3	480.9	423.5	365.4	308.1
-45°	802.6	766.6	721.7	669.1	615.0	562.6	510.9	457.9	402.5	346.8	291.9
-47.5°	770.9	733.5	687.0	635.5	583.1	533.5	484.8	433.4	380.6	327.3	274.8
-50°	738.3	697.6	649.6	600.6	550.8	504.4	457.7	408.0	357.7	307.0	256.9
-52.5°	699.6	656.3	610.9	564.5	518.6	474.6	428.7	381.7	334.1	285.9	238.3
-55°	655.3	613.8	571.1	527.4	484.9	442.4	398.8	354.5	309.7	263.9	219.2
-57.5°	608.1	570.1	529.1	488.7	448.2	408.2	368.1	326.6	284.0	241.1	201.9
-60°	557.9	521.6	484.9	446.5	408.9	372.8	336.6	297.5	257.2	218.1	184.2
-62.5°	503.0	470.6	436.5	401.8	368.9	336.6	304.0	266.6	229.7	197.1	165.9
-65°	446.4	416.8	386.4	357.3	328.3	299.2	268.5	234.9	204.3	175.4	147.3
-67.5°	388.9	363.9	338.0	312.4	287.1	260.5	232.4	205.3	179.1	153.3	128.3
-70°	334.3	312.0	290.1	268.3	245.5	221.9	199.5	176.4	153.3	131.3	108.9
-72.5°	280.7	262.5	243.7	224.4	205.7	186.5	166.9	147.3	128.3	108.9	89.4
-75°	228.6	213.9	198.8	183.3	167.3	151.0	135.5	119.3	102.9	86.4	72.0
-77.5°	179.5	167.4	154.8	143.3	131.4	118.6	105.1	91.0	78.8	67.5	55.4
-80°	133.4	125.1	116.5	107.4	97.1	86.2	76.7	67.5	58.5	48.9	38.7
-82.5°	91.0	85.2	79.3	73.1	66.0	59.0	52.2	45.5	38.0	30.2	24.8
-85°	51.9	48.1	44.1	40.1	35.8	31.6	29.2	26.6	23.1	19.8	16.6
-87.5°	21.3	20.3	19.2	18.1	17.0	15.8	14.6	13.3	11.6	9.9	8.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
85°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
82.5°	20.4	17.0	13.7	10.3	6.9	3.4	0.0
80°	28.1	22.7	18.2	13.7	9.1	4.6	0.0
77.5°	42.8	30.6	22.7	17.0	11.4	5.7	0.0
75°	57.4	42.8	28.1	20.4	13.6	6.8	0.0
72.5°	71.8	54.8	37.7	23.7	15.8	7.9	0.0
70°	86.3	66.7	47.3	27.7	18.0	9.0	0.0
67.5°	102.8	78.4	56.6	34.7	20.1	10.1	0.0
65°	118.9	90.8	65.9	41.6	22.2	11.1	0.0
62.5°	134.6	103.8	74.9	48.4	24.3	12.1	0.0
60°	149.9	116.4	83.8	55.1	26.3	13.1	0.0
57.5°	165.2	128.6	93.4	61.5	30.5	14.1	0.0
55°	180.3	140.5	102.8	67.8	34.6	15.1	0.0
52.5°	194.9	152.1	111.9	74.0	38.6	16.0	0.0
50°	209.2	164.0	120.6	79.9	42.4	16.9	0.0
47.5°	223.3	175.6	129.0	85.7	46.1	17.8	0.0
45°	237.8	186.8	137.0	91.7	49.6	18.6	0.0
42.5°	251.7	197.6	144.6	97.4	52.9	19.4	0.0
40°	264.9	208.0	152.4	102.7	56.1	20.1	0.0
37.5°	277.3	217.8	160.2	107.6	59.0	20.9	0.0
35°	288.9	227.5	167.7	112.2	61.8	21.5	0.0
32.5°	299.8	236.6	174.7	116.6	64.4	22.2	0.0
30°	309.8	245.0	181.3	120.6	66.8	22.8	0.0
27.5°	319.0	252.8	187.1	124.3	68.9	23.3	0.0
25°	327.3	259.9	192.5	127.6	70.9	23.8	0.0
22.5°	334.8	266.2	197.2	130.7	72.6	24.3	0.0
20°	341.5	271.5	201.5	133.3	74.2	24.7	0.0
17.5°	347.5	276.2	205.2	135.7	75.5	25.1	0.0
15°	352.9	280.2	208.4	137.7	76.7	25.4	0.0
12.5°	357.5	283.5	211.1	139.3	77.6	25.7	0.0
10°	361.4	286.2	213.1	140.6	78.3	25.9	0.0
7.5°	364.5	288.1	214.6	141.5	78.8	26.1	0.0
5°	366.7	289.2	215.6	142.1	79.0	26.2	0.0
2.5°	368.0	289.7	216.0	142.3	79.1	26.3	0.0
0°	368.5	289.5	215.8	142.1	79.0	26.3	0.0
-2.5°	368.0	289.7	216.0	142.3	79.1	26.3	0.0
-5°	366.7	289.2	215.6	142.1	79.0	26.2	0.0
-7.5°	364.5	288.1	214.6	141.5	78.8	26.1	0.0
-10°	361.4	286.2	213.1	140.6	78.3	25.9	0.0
-12.5°	357.5	283.5	211.1	139.3	77.6	25.7	0.0
-15°	352.9	280.2	208.4	137.7	76.7	25.4	0.0
-17.5°	347.5	276.2	205.2	135.7	75.5	25.1	0.0
-20°	341.5	271.5	201.5	133.3	74.2	24.7	0.0

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REPORT NUMBER: P627407 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	334.8	266.2	197.2	130.7	72.6	24.3	0.0
-25°	327.3	259.9	192.5	127.6	70.9	23.8	0.0
-27.5°	319.0	252.8	187.1	124.3	68.9	23.3	0.0
-30°	309.8	245.0	181.3	120.6	66.8	22.8	0.0
-32.5°	299.8	236.6	174.7	116.6	64.4	22.2	0.0
-35°	288.9	227.5	167.7	112.2	61.8	21.5	0.0
-37.5°	277.3	217.8	160.2	107.6	59.0	20.9	0.0
-40°	264.9	208.0	152.4	102.7	56.1	20.1	0.0
-42.5°	251.7	197.6	144.6	97.4	52.9	19.4	0.0
-45°	237.8	186.8	137.0	91.7	49.6	18.6	0.0
-47.5°	223.3	175.6	129.0	85.7	46.1	17.8	0.0
-50°	209.2	164.0	120.6	79.9	42.4	16.9	0.0
-52.5°	194.9	152.1	111.9	74.0	38.6	16.0	0.0
-55°	180.3	140.5	102.8	67.8	34.6	15.1	0.0
-57.5°	165.2	128.6	93.4	61.5	30.5	14.1	0.0
-60°	149.9	116.4	83.8	55.1	26.3	13.1	0.0
-62.5°	134.6	103.8	74.9	48.4	24.3	12.1	0.0
-65°	118.9	90.8	65.9	41.6	22.2	11.1	0.0
-67.5°	102.8	78.4	56.6	34.7	20.1	10.1	0.0
-70°	86.3	66.7	47.3	27.7	18.0	9.0	0.0
-72.5°	71.8	54.8	37.7	23.7	15.8	7.9	0.0
-75°	57.4	42.8	28.1	20.4	13.6	6.8	0.0
-77.5°	42.8	30.6	22.7	17.0	11.4	5.7	0.0
-80°	28.1	22.7	18.2	13.7	9.1	4.6	0.0
-82.5°	20.4	17.0	13.7	10.3	6.9	3.4	0.0
-85°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
-87.5°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)