

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P626961 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-727-U-VWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626961 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-727-U-VWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N43
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

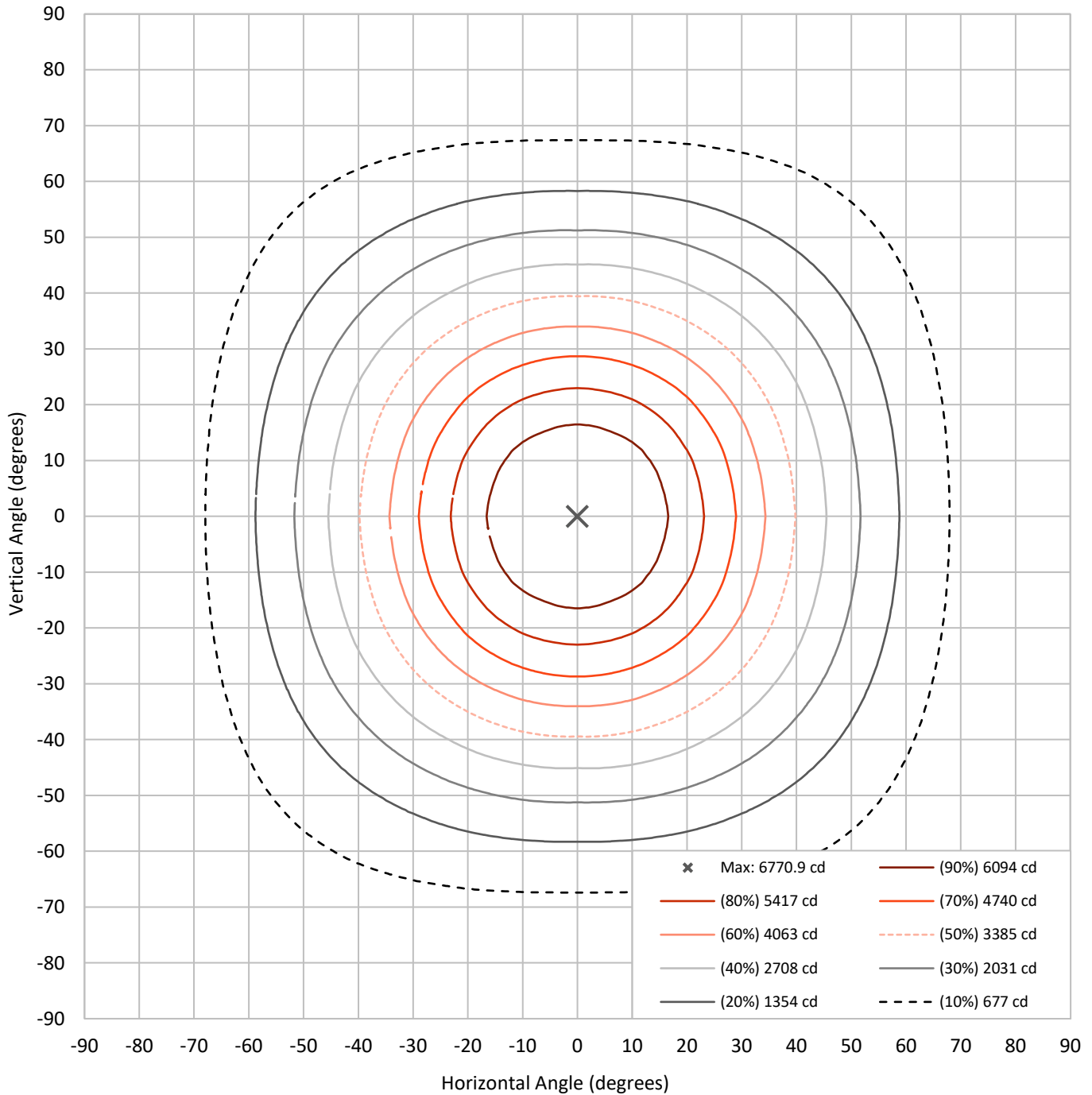
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	12237.8 lumens	Max Intensity:	6770.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	7177.5 lumens	Field Lumens:	11666.6 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	108.74		
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





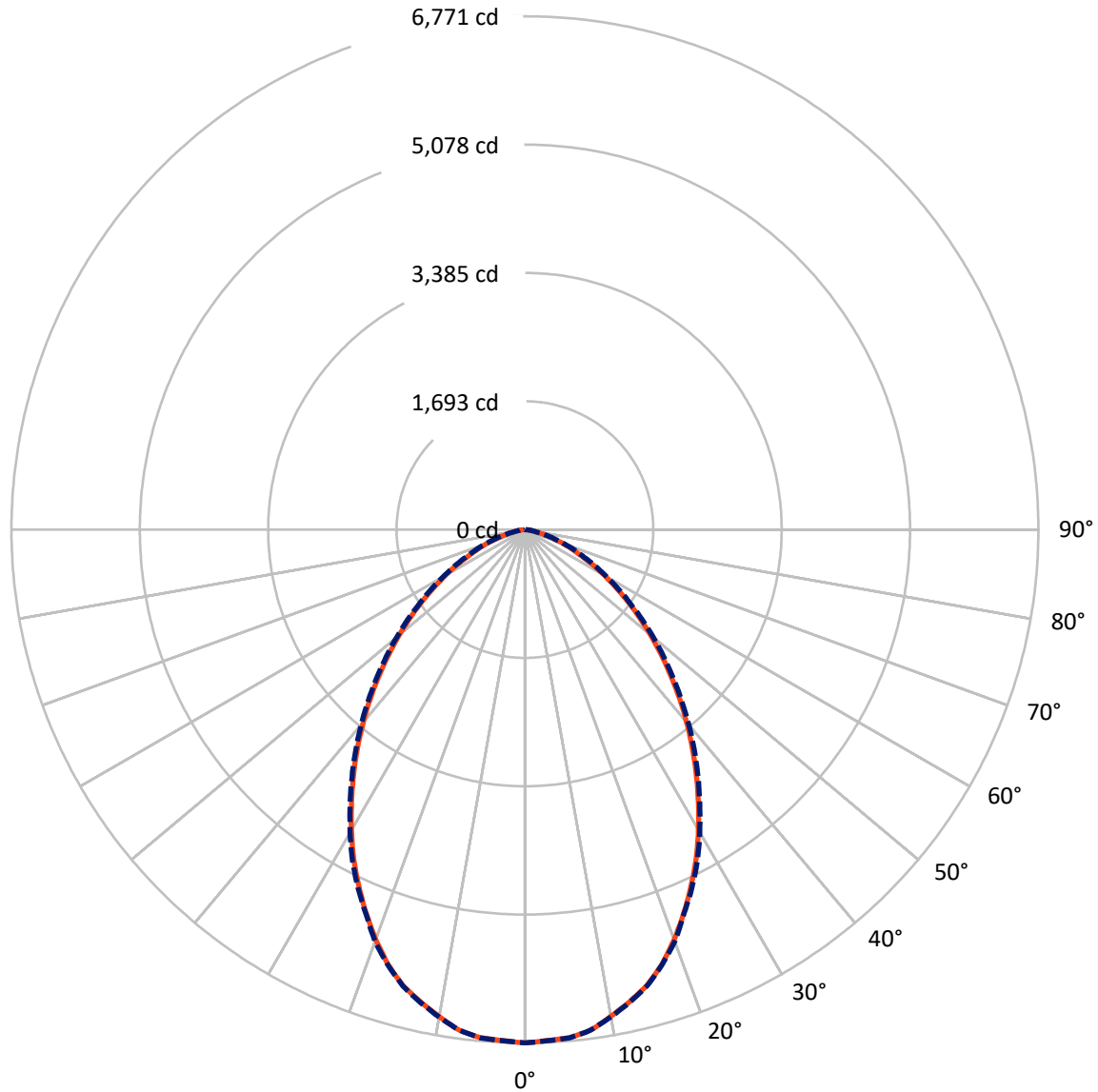
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Lumen Table

90																			
80	0.4	5.0	13.7	23.2	21.9	23.2	13.7	5.0	0.4										
70																			
60	2.3	3.1	6.3	10.8	15.8	20.4	23.9	25.5	25.5	23.9	20.4	15.8	10.8	6.3	3.1	2.3			
50		4.7	10.3	18.4	27.8	37.8	46.0	50.3	50.3	46.0	37.8	27.8	18.4	10.3	4.7				
40	4.0	6.3	14.9	27.5	43.5	60.3	74.4	82.1	82.1	74.4	60.3	43.5	27.5	14.9	6.3	4.0			
30		8.0	19.7	37.8	60.9	85.4	106.4	118.2	118.2	106.4	85.4	60.9	37.8	19.7	8.0				
20	5.1	9.6	24.3	47.6	77.6	110.1	138.5	154.8	154.8	138.5	110.1	77.6	47.6	24.3	9.6	5.1			
10		10.8	27.8	54.8	90.6	130.2	165.1	184.9	184.9	165.1	130.2	90.6	54.8	27.8	10.8				
0	5.6	11.5	29.7	59.0	97.8	141.2	179.4	200.3	200.3	179.4	141.2	97.8	59.0	29.7	11.5	5.6			
-10		11.5	29.7	59.0	97.8	141.2	179.4	200.3	200.3	179.4	141.2	97.8	59.0	29.7	11.5				
-20	5.1	10.8	27.8	54.8	90.6	130.2	165.1	184.9	184.9	165.1	130.2	90.6	54.8	27.8	10.8	5.1			
-30		9.6	24.3	47.6	77.6	110.1	138.5	154.8	154.8	138.5	110.1	77.6	47.6	24.3	9.6				
-40	4.0	8.0	19.7	37.8	60.9	85.4	106.4	118.2	118.2	106.4	85.4	60.9	37.8	19.7	8.0	4.0			
-50		6.3	14.9	27.5	43.5	60.3	74.4	82.1	82.1	74.4	60.3	43.5	27.5	14.9	6.3				
-60	2.3	4.7	10.3	18.4	27.8	37.8	46.0	50.3	50.3	46.0	37.8	27.8	18.4	10.3	4.7	2.3			
-70		3.1	6.3	10.8	15.8	20.4	23.9	25.5	25.5	23.9	20.4	15.8	10.8	6.3	3.1				
-80	0.4	5.0	13.7	23.2	21.9	23.2	13.7	5.0	0.4										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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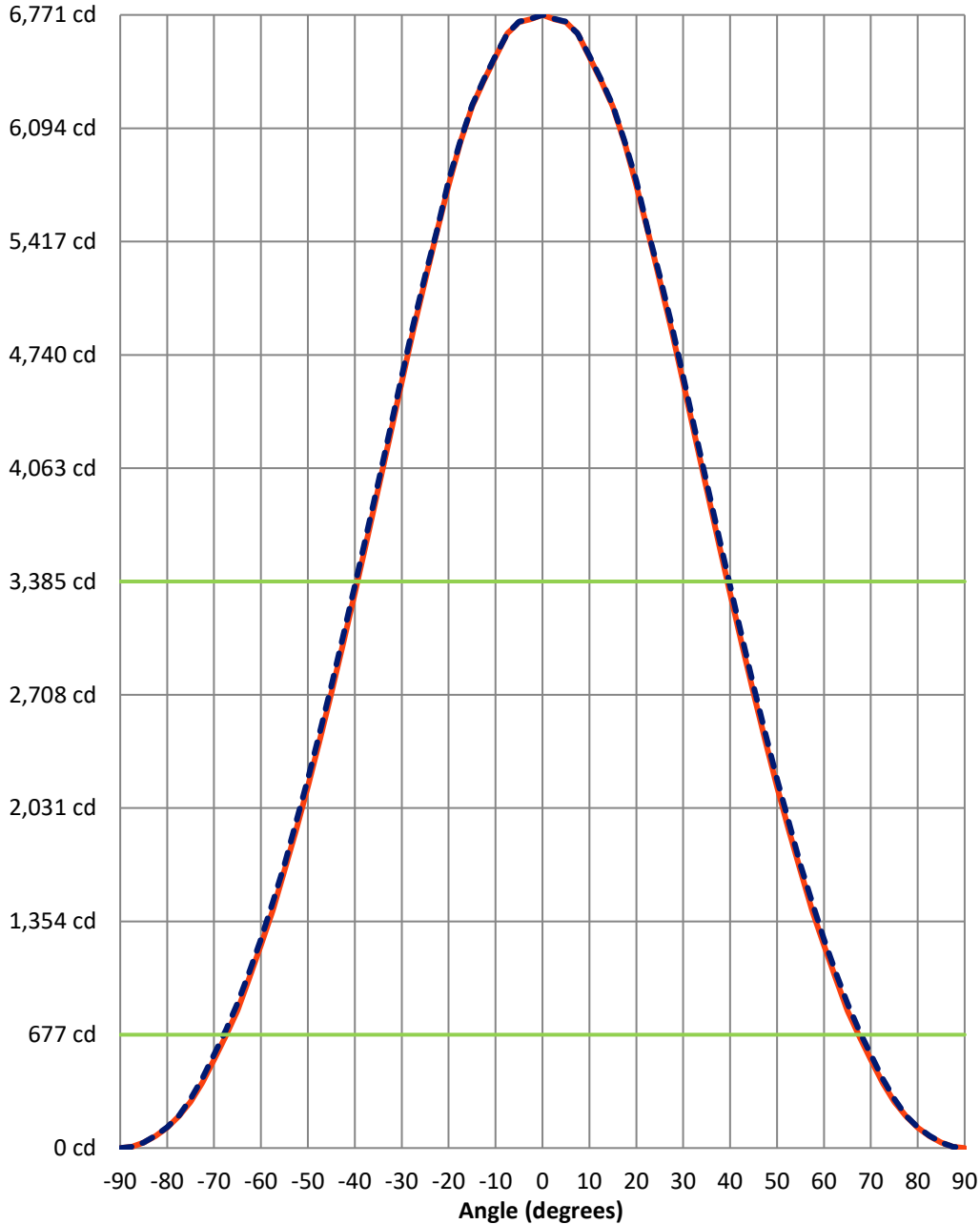
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 7177.5
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 11666.6
 Efficiency: 95.3%

Spill:
 Lumens: 571.2
 Efficiency: 4.7%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
85°	0.0	0.8	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	8.6
82.5°	0.0	1.2	2.7	4.0	5.3	6.6	7.9	9.2	11.5	18.0	24.3
80°	0.0	1.5	3.5	5.3	7.0	8.8	11.9	21.1	30.0	38.5	46.6
77.5°	0.0	1.9	4.4	6.6	8.8	13.8	25.8	37.4	48.3	58.8	71.8
75°	0.0	2.3	5.2	7.9	11.4	23.8	39.4	53.6	67.3	86.0	106.0
72.5°	0.0	2.7	6.1	9.2	18.2	33.5	52.6	71.1	92.5	115.4	139.6
70°	0.0	3.0	6.9	11.0	24.7	42.9	65.7	92.0	117.2	144.1	175.6
67.5°	0.0	3.4	7.6	15.0	31.0	51.8	81.5	112.4	141.4	175.4	211.5
65°	0.0	3.7	8.4	18.9	37.0	61.9	96.6	132.2	167.5	205.7	245.1
62.5°	0.0	4.0	9.1	22.6	42.7	72.9	111.0	153.0	192.7	234.7	275.1
60°	0.0	4.4	9.8	26.1	48.1	83.3	124.5	173.6	217.0	261.8	304.7
57.5°	0.0	4.7	11.8	29.4	55.2	93.1	138.8	192.8	240.9	288.5	332.8
55°	0.0	5.0	13.7	32.5	62.0	102.2	152.3	209.4	264.5	314.2	359.7
52.5°	0.0	5.3	15.6	35.4	68.3	110.8	164.8	226.6	287.5	337.9	385.9
50°	0.0	5.5	17.4	38.0	74.1	120.0	176.2	243.0	309.3	360.9	416.0
47.5°	0.0	5.8	19.1	40.7	79.4	128.4	187.0	258.2	329.1	383.2	445.5
45°	0.0	6.0	20.7	44.2	84.2	136.0	198.9	272.3	344.5	408.4	473.6
42.5°	0.0	6.3	22.2	47.4	88.4	142.7	209.8	285.2	359.2	432.5	506.8
40°	0.0	6.5	23.6	50.6	92.7	148.6	219.7	297.4	374.5	455.0	539.2
37.5°	0.0	6.7	25.0	53.9	96.9	153.6	228.6	309.0	391.7	476.4	569.5
35°	0.0	6.8	26.2	56.9	100.5	159.4	236.5	320.0	408.4	501.1	600.1
32.5°	0.0	7.0	27.4	59.6	103.5	165.2	243.7	330.2	424.7	524.8	632.5
30°	0.0	7.1	28.4	62.2	106.0	170.2	251.3	340.4	440.4	547.5	662.8
27.5°	0.0	7.3	29.3	64.5	109.6	174.3	258.0	352.3	456.5	569.0	690.8
25°	0.0	7.4	30.2	66.5	113.0	177.5	264.0	363.3	473.4	590.9	716.8
22.5°	0.0	7.5	30.9	68.3	116.0	180.8	269.1	373.4	488.8	611.6	744.5
20°	0.0	7.6	31.6	69.9	118.6	185.3	273.3	382.5	502.9	630.1	769.3
17.5°	0.0	7.6	32.1	71.2	120.8	188.9	278.6	390.5	515.4	646.4	791.1
15°	0.0	7.7	32.5	72.3	122.5	191.8	284.1	398.1	526.3	660.3	810.0
12.5°	0.0	7.7	32.9	73.1	123.8	193.9	288.6	405.3	536.2	671.9	825.8
10°	0.0	7.7	33.1	73.7	124.8	195.2	292.0	410.8	544.7	682.8	839.1
7.5°	0.0	7.7	33.2	74.0	125.3	195.7	294.3	414.7	551.2	691.5	850.6
5°	0.0	7.7	33.3	74.1	125.4	195.5	295.5	416.8	555.7	697.9	858.8
2.5°	0.0	7.6	33.2	74.0	125.1	194.5	295.5	417.4	558.1	701.7	863.7
0°	0.0	7.6	33.0	73.6	124.4	192.9	294.4	416.2	558.3	703.0	865.4
-2.5°	0.0	7.6	33.2	74.0	125.1	194.5	295.5	417.4	558.1	701.7	863.7
-5°	0.0	7.7	33.3	74.1	125.4	195.5	295.5	416.8	555.7	697.9	858.8
-7.5°	0.0	7.7	33.2	74.0	125.3	195.7	294.3	414.7	551.2	691.5	850.6
-10°	0.0	7.7	33.1	73.7	124.8	195.2	292.0	410.8	544.7	682.8	839.1
-12.5°	0.0	7.7	32.9	73.1	123.8	193.9	288.6	405.3	536.2	671.9	825.8
-15°	0.0	7.7	32.5	72.3	122.5	191.8	284.1	398.1	526.3	660.3	810.0
-17.5°	0.0	7.6	32.1	71.2	120.8	188.9	278.6	390.5	515.4	646.4	791.1
-20°	0.0	7.6	31.6	69.9	118.6	185.3	273.3	382.5	502.9	630.1	769.3

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CATALOG NUMBER: GFLD-SA2D-727-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	7.5	30.9	68.3	116.0	180.8	269.1	373.4	488.8	611.6	744.5
-25°	0.0	7.4	30.2	66.5	113.0	177.5	264.0	363.3	473.4	590.9	716.8
-27.5°	0.0	7.3	29.3	64.5	109.6	174.3	258.0	352.3	456.5	569.0	690.8
-30°	0.0	7.1	28.4	62.2	106.0	170.2	251.3	340.4	440.4	547.5	662.8
-32.5°	0.0	7.0	27.4	59.6	103.5	165.2	243.7	330.2	424.7	524.8	632.5
-35°	0.0	6.8	26.2	56.9	100.5	159.4	236.5	320.0	408.4	501.1	600.1
-37.5°	0.0	6.7	25.0	53.9	96.9	153.6	228.6	309.0	391.7	476.4	569.5
-40°	0.0	6.5	23.6	50.6	92.7	148.6	219.7	297.4	374.5	455.0	539.2
-42.5°	0.0	6.3	22.2	47.4	88.4	142.7	209.8	285.2	359.2	432.5	506.8
-45°	0.0	6.0	20.7	44.2	84.2	136.0	198.9	272.3	344.5	408.4	473.6
-47.5°	0.0	5.8	19.1	40.7	79.4	128.4	187.0	258.2	329.1	383.2	445.5
-50°	0.0	5.5	17.4	38.0	74.1	120.0	176.2	243.0	309.3	360.9	416.0
-52.5°	0.0	5.3	15.6	35.4	68.3	110.8	164.8	226.6	287.5	337.9	385.9
-55°	0.0	5.0	13.7	32.5	62.0	102.2	152.3	209.4	264.5	314.2	359.7
-57.5°	0.0	4.7	11.8	29.4	55.2	93.1	138.8	192.8	240.9	288.5	332.8
-60°	0.0	4.4	9.8	26.1	48.1	83.3	124.5	173.6	217.0	261.8	304.7
-62.5°	0.0	4.0	9.1	22.6	42.7	72.9	111.0	153.0	192.7	234.7	275.1
-65°	0.0	3.7	8.4	18.9	37.0	61.9	96.6	132.2	167.5	205.7	245.1
-67.5°	0.0	3.4	7.6	15.0	31.0	51.8	81.5	112.4	141.4	175.4	211.5
-70°	0.0	3.0	6.9	11.0	24.7	42.9	65.7	92.0	117.2	144.1	175.6
-72.5°	0.0	2.7	6.1	9.2	18.2	33.5	52.6	71.1	92.5	115.4	139.6
-75°	0.0	2.3	5.2	7.9	11.4	23.8	39.4	53.6	67.3	86.0	106.0
-77.5°	0.0	1.9	4.4	6.6	8.8	13.8	25.8	37.4	48.3	58.8	71.8
-80°	0.0	1.5	3.5	5.3	7.0	8.8	11.9	21.1	30.0	38.5	46.6
-82.5°	0.0	1.2	2.7	4.0	5.3	6.6	7.9	9.2	11.5	18.0	24.3
-85°	0.0	0.8	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	8.6
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
-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°	5.0	5.7	6.5	7.3	7.4	7.4	7.3	7.2	7.5	7.8	8.1
85°	10.0	11.4	15.8	20.1	22.2	23.4	24.0	23.9	27.8	32.3	37.2
82.5°	30.9	37.2	43.3	49.1	50.5	50.6	50.1	50.2	59.4	69.9	80.6
80°	55.0	63.0	73.7	83.2	87.4	89.5	90.5	90.4	101.9	117.3	133.4
77.5°	87.2	100.8	112.6	122.7	128.1	132.9	136.8	139.8	154.7	174.1	193.4
75°	124.0	138.9	153.7	166.6	175.6	182.3	188.6	198.6	218.1	240.8	260.5
72.5°	162.7	181.8	198.3	212.3	224.9	238.4	253.5	270.0	290.5	313.2	333.8
70°	204.1	225.0	242.3	259.2	276.5	296.7	319.3	341.5	364.4	389.4	413.5
67.5°	244.6	264.8	285.2	306.5	332.3	359.3	386.1	416.7	448.1	475.8	500.7
65°	279.8	303.5	329.0	357.9	389.8	424.1	459.7	496.5	536.3	569.6	600.0
62.5°	313.4	341.9	372.9	408.9	449.6	490.1	535.6	581.7	626.4	665.7	702.1
60°	344.4	378.9	418.0	462.1	509.6	563.6	615.4	667.8	716.9	761.4	807.3
57.5°	374.5	417.9	464.8	517.8	577.9	638.5	699.4	755.8	811.4	865.6	917.5
55°	406.4	458.6	514.5	579.6	647.3	719.0	784.6	847.5	908.7	974.5	1037.1
52.5°	441.4	499.8	569.8	642.6	720.9	797.8	869.9	941.4	1015.5	1090.0	1171.4
50°	475.3	548.1	624.8	709.4	794.0	876.4	959.0	1041.5	1130.2	1221.6	1313.8
47.5°	514.8	594.3	684.8	775.6	868.0	959.8	1051.8	1151.5	1252.3	1358.2	1460.3
45°	554.9	644.2	741.7	844.5	944.4	1045.9	1153.5	1263.7	1381.9	1498.4	1621.2
42.5°	592.8	693.8	801.3	912.2	1023.3	1136.8	1255.1	1383.9	1513.0	1647.4	1782.3
40°	634.8	740.9	859.5	981.7	1102.2	1228.0	1363.3	1502.7	1648.8	1796.6	1943.1
37.5°	675.2	791.9	916.6	1048.0	1183.3	1321.6	1468.4	1626.6	1785.1	1944.1	2105.7
35°	713.1	840.2	975.2	1114.7	1258.3	1415.5	1579.7	1748.6	1920.3	2092.2	2266.1
32.5°	752.0	885.7	1031.2	1180.6	1338.7	1507.4	1687.2	1870.2	2053.1	2236.7	2427.0
30°	791.0	933.4	1085.5	1242.9	1415.8	1599.6	1792.8	1986.7	2180.2	2382.2	2585.0
27.5°	827.9	978.7	1138.8	1307.3	1489.7	1684.9	1890.2	2097.9	2306.5	2521.3	2737.6
25°	861.8	1021.6	1188.4	1369.2	1562.6	1767.1	1981.0	2197.6	2426.4	2656.3	2882.1
22.5°	894.9	1061.0	1234.2	1426.2	1628.6	1843.4	2066.1	2294.9	2534.0	2780.9	3014.5
20°	926.7	1098.6	1278.8	1477.9	1687.7	1912.1	2143.5	2383.1	2633.9	2887.3	3138.7
17.5°	955.0	1132.0	1320.4	1526.3	1744.2	1974.9	2213.2	2460.7	2722.6	2985.4	3251.7
15°	979.6	1161.0	1356.3	1568.5	1794.1	2032.0	2277.9	2532.4	2801.1	3074.7	3351.6
12.5°	1000.5	1185.6	1386.6	1604.3	1836.4	2080.9	2333.5	2597.0	2872.9	3154.1	3439.1
10°	1017.4	1205.6	1411.1	1633.6	1871.0	2121.4	2379.3	2650.2	2934.4	3221.7	3512.7
7.5°	1031.8	1222.3	1430.6	1656.2	1897.6	2153.1	2414.9	2691.7	2983.3	3274.4	3571.8
5°	1042.3	1235.9	1448.5	1675.1	1920.8	2177.8	2441.9	2721.2	3019.1	3312.0	3614.7
2.5°	1048.6	1244.7	1460.6	1687.4	1938.9	2196.4	2465.9	2747.3	3045.4	3341.8	3646.9
0°	1050.7	1248.6	1466.9	1692.7	1949.0	2205.4	2479.4	2761.1	3058.1	3360.1	3667.1
-2.5°	1048.6	1244.7	1460.6	1687.4	1938.9	2196.4	2465.9	2747.3	3045.4	3341.8	3646.9
-5°	1042.3	1235.9	1448.5	1675.1	1920.8	2177.8	2441.9	2721.2	3019.1	3312.0	3614.7
-7.5°	1031.8	1222.3	1430.6	1656.2	1897.6	2153.1	2414.9	2691.7	2983.3	3274.4	3571.8
-10°	1017.4	1205.6	1411.1	1633.6	1871.0	2121.4	2379.3	2650.2	2934.4	3221.7	3512.7
-12.5°	1000.5	1185.6	1386.6	1604.3	1836.4	2080.9	2333.5	2597.0	2872.9	3154.1	3439.1
-15°	979.6	1161.0	1356.3	1568.5	1794.1	2032.0	2277.9	2532.4	2801.1	3074.7	3351.6
-17.5°	955.0	1132.0	1320.4	1526.3	1744.2	1974.9	2213.2	2460.7	2722.6	2985.4	3251.7
-20°	926.7	1098.6	1278.8	1477.9	1687.7	1912.1	2143.5	2383.1	2633.9	2887.3	3138.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626961 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-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°	894.9	1061.0	1234.2	1426.2	1628.6	1843.4	2066.1	2294.9	2534.0	2780.9	3014.5
-25°	861.8	1021.6	1188.4	1369.2	1562.6	1767.1	1981.0	2197.6	2426.4	2656.3	2882.1
-27.5°	827.9	978.7	1138.8	1307.3	1489.7	1684.9	1890.2	2097.9	2306.5	2521.3	2737.6
-30°	791.0	933.4	1085.5	1242.9	1415.8	1599.6	1792.8	1986.7	2180.2	2382.2	2585.0
-32.5°	752.0	885.7	1031.2	1180.6	1338.7	1507.4	1687.2	1870.2	2053.1	2236.7	2427.0
-35°	713.1	840.2	975.2	1114.7	1258.3	1415.5	1579.7	1748.6	1920.3	2092.2	2266.1
-37.5°	675.2	791.9	916.6	1048.0	1183.3	1321.6	1468.4	1626.6	1785.1	1944.1	2105.7
-40°	634.8	740.9	859.5	981.7	1102.2	1228.0	1363.3	1502.7	1648.8	1796.6	1943.1
-42.5°	592.8	693.8	801.3	912.2	1023.3	1136.8	1255.1	1383.9	1513.0	1647.4	1782.3
-45°	554.9	644.2	741.7	844.5	944.4	1045.9	1153.5	1263.7	1381.9	1498.4	1621.2
-47.5°	514.8	594.3	684.8	775.6	868.0	959.8	1051.8	1151.5	1252.3	1358.2	1460.3
-50°	475.3	548.1	624.8	709.4	794.0	876.4	959.0	1041.5	1130.2	1221.6	1313.8
-52.5°	441.4	499.8	569.8	642.6	720.9	797.8	869.9	941.4	1015.5	1090.0	1171.4
-55°	406.4	458.6	514.5	579.6	647.3	719.0	784.6	847.5	908.7	974.5	1037.1
-57.5°	374.5	417.9	464.8	517.8	577.9	638.5	699.4	755.8	811.4	865.6	917.5
-60°	344.4	378.9	418.0	462.1	509.6	563.6	615.4	667.8	716.9	761.4	807.3
-62.5°	313.4	341.9	372.9	408.9	449.6	490.1	535.6	581.7	626.4	665.7	702.1
-65°	279.8	303.5	329.0	357.9	389.8	424.1	459.7	496.5	536.3	569.6	600.0
-67.5°	244.6	264.8	285.2	306.5	332.3	359.3	386.1	416.7	448.1	475.8	500.7
-70°	204.1	225.0	242.3	259.2	276.5	296.7	319.3	341.5	364.4	389.4	413.5
-72.5°	162.7	181.8	198.3	212.3	224.9	238.4	253.5	270.0	290.5	313.2	333.8
-75°	124.0	138.9	153.7	166.6	175.6	182.3	188.6	198.6	218.1	240.8	260.5
-77.5°	87.2	100.8	112.6	122.7	128.1	132.9	136.8	139.8	154.7	174.1	193.4
-80°	55.0	63.0	73.7	83.2	87.4	89.5	90.5	90.4	101.9	117.3	133.4
-82.5°	30.9	37.2	43.3	49.1	50.5	50.6	50.1	50.2	59.4	69.9	80.6
-85°	10.0	11.4	15.8	20.1	22.2	23.4	24.0	23.9	27.8	32.3	37.2
-87.5°	5.0	5.7	6.5	7.3	7.4	7.4	7.3	7.2	7.5	7.8	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: P626961 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-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°	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.7	9.9	9.3	8.8
85°	42.4	45.4	48.2	50.9	53.4	55.8	58.1	60.2	62.2	56.8	50.8
82.5°	91.5	98.9	105.8	112.8	119.7	121.5	122.0	121.8	120.8	111.3	100.9
80°	149.4	161.9	173.6	185.2	196.7	198.0	196.7	194.3	191.0	178.6	164.5
77.5°	212.6	228.3	242.0	254.6	266.0	268.2	267.9	267.3	266.4	253.7	238.4
75°	277.4	292.8	307.5	320.1	330.6	335.4	337.7	339.4	340.3	331.2	319.3
72.5°	352.5	368.5	381.5	393.7	404.0	411.5	416.8	420.9	423.6	420.9	416.0
70°	434.0	451.1	465.5	479.2	493.3	504.5	513.0	519.1	523.0	525.5	527.3
67.5°	525.8	548.7	568.8	585.9	602.8	618.7	631.7	642.3	650.5	657.5	662.9
65°	629.2	658.5	684.5	708.4	730.3	753.3	772.2	788.0	800.8	811.3	819.8
62.5°	737.8	773.8	807.2	839.6	871.3	902.6	926.6	948.5	967.9	984.6	997.9
60°	850.8	891.6	936.5	979.2	1018.6	1054.6	1090.3	1121.2	1147.7	1169.6	1187.3
57.5°	972.2	1025.1	1077.5	1130.6	1180.8	1227.8	1271.8	1310.6	1343.3	1370.2	1392.8
55°	1103.4	1169.5	1230.3	1297.3	1362.1	1421.0	1472.9	1518.5	1558.0	1591.0	1619.1
52.5°	1247.6	1328.0	1406.9	1483.2	1556.7	1625.0	1687.2	1740.3	1787.6	1828.1	1860.4
50°	1405.4	1497.4	1588.8	1673.7	1758.1	1836.9	1908.1	1969.8	2024.8	2072.4	2109.9
47.5°	1570.4	1675.1	1777.2	1874.3	1967.8	2055.4	2132.5	2202.8	2271.3	2327.3	2371.5
45°	1741.7	1859.1	1971.8	2082.9	2185.8	2284.0	2379.1	2466.6	2537.0	2598.6	2650.3
42.5°	1915.1	2046.1	2172.3	2293.5	2406.7	2520.2	2627.3	2722.9	2803.2	2873.2	2932.0
40°	2090.8	2234.3	2373.3	2505.4	2634.8	2758.6	2874.4	2975.3	3065.8	3148.9	3218.2
37.5°	2265.6	2423.4	2577.5	2725.4	2867.9	3002.0	3127.2	3241.2	3343.3	3438.0	3514.9
35°	2441.2	2614.3	2782.9	2945.8	3101.4	3249.4	3386.4	3516.1	3636.5	3732.4	3811.1
32.5°	2616.1	2802.2	2985.8	3165.0	3335.3	3494.9	3643.3	3786.7	3910.5	4015.9	4106.5
30°	2785.3	2987.0	3186.9	3381.2	3565.2	3738.1	3902.4	4054.0	4187.1	4302.5	4404.0
27.5°	2951.4	3168.1	3382.5	3590.1	3789.1	3976.9	4156.3	4320.6	4465.9	4591.3	4698.4
25°	3108.3	3341.3	3569.8	3789.9	4002.4	4209.7	4403.3	4582.7	4737.8	4875.5	4985.5
22.5°	3258.3	3506.7	3746.8	3978.4	4205.7	4429.1	4641.1	4828.4	4992.8	5136.7	5258.5
20°	3398.1	3664.2	3909.9	4154.8	4394.2	4632.7	4860.4	5058.0	5232.0	5385.2	5519.4
17.5°	3528.7	3801.6	4060.3	4321.0	4573.4	4823.6	5054.9	5266.7	5454.5	5617.1	5757.6
15°	3639.2	3914.9	4197.4	4475.8	4741.9	4995.3	5226.4	5447.5	5656.0	5831.9	5974.4
12.5°	3728.7	4015.4	4310.2	4605.7	4887.2	5140.2	5382.1	5606.5	5825.4	6023.0	6154.1
10°	3805.0	4100.2	4404.5	4705.9	4991.1	5258.9	5521.8	5759.1	5974.2	6151.2	6297.5
7.5°	3871.0	4175.1	4484.2	4786.0	5070.3	5347.0	5617.6	5869.6	6086.8	6253.5	6384.1
5°	3919.7	4231.0	4546.0	4850.6	5138.9	5416.4	5688.3	5937.2	6149.2	6318.8	6461.1
2.5°	3954.5	4268.7	4586.0	4891.1	5185.7	5463.9	5742.6	5994.3	6199.6	6355.0	6491.3
0°	3976.8	4291.4	4611.2	4923.4	5212.7	5481.7	5781.1	6017.2	6230.3	6385.1	6527.3
-2.5°	3954.5	4268.7	4586.0	4891.1	5185.7	5463.9	5742.6	5994.3	6199.6	6355.0	6491.3
-5°	3919.7	4231.0	4546.0	4850.6	5138.9	5416.4	5688.3	5937.2	6149.2	6318.8	6461.1
-7.5°	3871.0	4175.1	4484.2	4786.0	5070.3	5347.0	5617.6	5869.6	6086.8	6253.5	6384.1
-10°	3805.0	4100.2	4404.5	4705.9	4991.1	5258.9	5521.8	5759.1	5974.2	6151.2	6297.5
-12.5°	3728.7	4015.4	4310.2	4605.7	4887.2	5140.2	5382.1	5606.5	5825.4	6023.0	6154.1
-15°	3639.2	3914.9	4197.4	4475.8	4741.9	4995.3	5226.4	5447.5	5656.0	5831.9	5974.4
-17.5°	3528.7	3801.6	4060.3	4321.0	4573.4	4823.6	5054.9	5266.7	5454.5	5617.1	5757.6
-20°	3398.1	3664.2	3909.9	4154.8	4394.2	4632.7	4860.4	5058.0	5232.0	5385.2	5519.4



REPORT NUMBER: P626961 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3258.3	3506.7	3746.8	3978.4	4205.7	4429.1	4641.1	4828.4	4992.8	5136.7	5258.5
-25°	3108.3	3341.3	3569.8	3789.9	4002.4	4209.7	4403.3	4582.7	4737.8	4875.5	4985.5
-27.5°	2951.4	3168.1	3382.5	3590.1	3789.1	3976.9	4156.3	4320.6	4465.9	4591.3	4698.4
-30°	2785.3	2987.0	3186.9	3381.2	3565.2	3738.1	3902.4	4054.0	4187.1	4302.5	4404.0
-32.5°	2616.1	2802.2	2985.8	3165.0	3335.3	3494.9	3643.3	3786.7	3910.5	4015.9	4106.5
-35°	2441.2	2614.3	2782.9	2945.8	3101.4	3249.4	3386.4	3516.1	3636.5	3732.4	3811.1
-37.5°	2265.6	2423.4	2577.5	2725.4	2867.9	3002.0	3127.2	3241.2	3343.3	3438.0	3514.9
-40°	2090.8	2234.3	2373.3	2505.4	2634.8	2758.6	2874.4	2975.3	3065.8	3148.9	3218.2
-42.5°	1915.1	2046.1	2172.3	2293.5	2406.7	2520.2	2627.3	2722.9	2803.2	2873.2	2932.0
-45°	1741.7	1859.1	1971.8	2082.9	2185.8	2284.0	2379.1	2466.6	2537.0	2598.6	2650.3
-47.5°	1570.4	1675.1	1777.2	1874.3	1967.8	2055.4	2132.5	2202.8	2271.3	2327.3	2371.5
-50°	1405.4	1497.4	1588.8	1673.7	1758.1	1836.9	1908.1	1969.8	2024.8	2072.4	2109.9
-52.5°	1247.6	1328.0	1406.9	1483.2	1556.7	1625.0	1687.2	1740.3	1787.6	1828.1	1860.4
-55°	1103.4	1169.5	1230.3	1297.3	1362.1	1421.0	1472.9	1518.5	1558.0	1591.0	1619.1
-57.5°	972.2	1025.1	1077.5	1130.6	1180.8	1227.8	1271.8	1310.6	1343.3	1370.2	1392.8
-60°	850.8	891.6	936.5	979.2	1018.6	1054.6	1090.3	1121.2	1147.7	1169.6	1187.3
-62.5°	737.8	773.8	807.2	839.6	871.3	902.6	926.6	948.5	967.9	984.6	997.9
-65°	629.2	658.5	684.5	708.4	730.3	753.3	772.2	788.0	800.8	811.3	819.8
-67.5°	525.8	548.7	568.8	585.9	602.8	618.7	631.7	642.3	650.5	657.5	662.9
-70°	434.0	451.1	465.5	479.2	493.3	504.5	513.0	519.1	523.0	525.5	527.3
-72.5°	352.5	368.5	381.5	393.7	404.0	411.5	416.8	420.9	423.6	420.9	416.0
-75°	277.4	292.8	307.5	320.1	330.6	335.4	337.7	339.4	340.3	331.2	319.3
-77.5°	212.6	228.3	242.0	254.6	266.0	268.2	267.9	267.3	266.4	253.7	238.4
-80°	149.4	161.9	173.6	185.2	196.7	198.0	196.7	194.3	191.0	178.6	164.5
-82.5°	91.5	98.9	105.8	112.8	119.7	121.5	122.0	121.8	120.8	111.3	100.9
-85°	42.4	45.4	48.2	50.9	53.4	55.8	58.1	60.2	62.2	56.8	50.8
-87.5°	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.7	9.9	9.3	8.8
-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: P626961 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-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°	8.2	7.6	7.6	7.6	7.6	7.6	8.2	8.8	9.3	9.9	9.7
85°	44.5	37.9	35.5	33.0	35.5	37.9	44.5	50.8	56.8	62.2	60.2
82.5°	89.9	78.4	74.8	71.1	74.8	78.4	89.9	100.9	111.3	120.8	121.8
80°	149.7	134.1	128.0	121.8	128.0	134.1	149.7	164.5	178.6	191.0	194.3
77.5°	222.1	205.1	197.8	190.3	197.8	205.1	222.1	238.4	253.7	266.4	267.3
75°	306.7	293.4	285.3	276.6	285.3	293.4	306.7	319.3	331.2	340.3	339.4
72.5°	410.4	403.9	398.0	390.8	398.0	403.9	410.4	416.0	420.9	423.6	420.9
70°	527.9	527.1	528.2	527.9	528.2	527.1	527.9	527.3	525.5	523.0	519.1
67.5°	665.7	665.9	668.7	670.0	668.7	665.9	665.7	662.9	657.5	650.5	642.3
65°	825.0	827.0	826.3	822.3	826.3	827.0	825.0	819.8	811.3	800.8	788.0
62.5°	1007.4	1012.8	1015.8	1015.1	1015.8	1012.8	1007.4	997.9	984.6	967.9	948.5
60°	1200.6	1209.1	1213.5	1213.1	1213.5	1209.1	1200.6	1187.3	1169.6	1147.7	1121.2
57.5°	1409.6	1420.6	1423.2	1418.6	1423.2	1420.6	1409.6	1392.8	1370.2	1343.3	1310.6
55°	1640.2	1654.3	1659.7	1657.2	1659.7	1654.3	1640.2	1619.1	1591.0	1558.0	1518.5
52.5°	1884.1	1899.3	1904.7	1900.8	1904.7	1899.3	1884.1	1860.4	1828.1	1787.6	1740.3
50°	2137.4	2155.8	2163.2	2159.7	2163.2	2155.8	2137.4	2109.9	2072.4	2024.8	1969.8
47.5°	2406.1	2430.7	2440.3	2433.8	2440.3	2430.7	2406.1	2371.5	2327.3	2271.3	2202.8
45°	2689.0	2714.5	2724.4	2718.0	2724.4	2714.5	2689.0	2650.3	2598.6	2537.0	2466.6
42.5°	2977.0	3010.1	3024.0	3012.4	3024.0	3010.1	2977.0	2932.0	2873.2	2803.2	2722.9
40°	3270.0	3305.9	3322.4	3314.4	3322.4	3305.9	3270.0	3218.2	3148.9	3065.8	2975.3
37.5°	3570.4	3606.2	3623.7	3624.0	3623.7	3606.2	3570.4	3514.9	3438.0	3343.3	3241.2
35°	3872.1	3915.4	3939.9	3938.7	3939.9	3915.4	3872.1	3811.1	3732.4	3636.5	3516.1
32.5°	4178.0	4224.8	4249.9	4253.4	4249.9	4224.8	4178.0	4106.5	4015.9	3910.5	3786.7
30°	4483.4	4534.9	4563.8	4575.7	4563.8	4534.9	4483.4	4404.0	4302.5	4187.1	4054.0
27.5°	4779.5	4842.8	4886.5	4890.4	4886.5	4842.8	4779.5	4698.4	4591.3	4465.9	4320.6
25°	5066.3	5130.8	5175.6	5184.8	5175.6	5130.8	5066.3	4985.5	4875.5	4737.8	4582.7
22.5°	5348.9	5416.3	5457.7	5474.1	5457.7	5416.3	5348.9	5258.5	5136.7	4992.8	4828.4
20°	5618.8	5691.8	5735.8	5753.2	5735.8	5691.8	5618.8	5519.4	5385.2	5232.0	5058.0
17.5°	5862.9	5940.1	5994.3	6009.5	5994.3	5940.1	5862.9	5757.6	5617.1	5454.5	5266.7
15°	6077.7	6150.9	6202.4	6222.7	6202.4	6150.9	6077.7	5974.4	5831.9	5656.0	5447.5
12.5°	6252.6	6318.1	6358.4	6377.5	6358.4	6318.1	6252.6	6154.1	6023.0	5825.4	5606.5
10°	6389.1	6454.9	6493.4	6519.6	6493.4	6454.9	6389.1	6297.5	6151.2	5974.2	5759.1
7.5°	6507.7	6575.1	6622.2	6659.2	6622.2	6575.1	6507.7	6384.1	6253.5	6086.8	5869.6
5°	6573.2	6685.6	6702.6	6727.7	6702.6	6685.6	6573.2	6461.1	6318.8	6149.2	5937.2
2.5°	6623.1	6702.8	6750.8	6745.5	6750.8	6702.8	6623.1	6491.3	6355.0	6199.6	5994.3
0°	6659.2	6730.3	6748.0	6770.9	6748.0	6730.3	6659.2	6527.3	6385.1	6230.3	6017.2
-2.5°	6623.1	6702.8	6750.8	6745.5	6750.8	6702.8	6623.1	6491.3	6355.0	6199.6	5994.3
-5°	6573.2	6685.6	6702.6	6727.7	6702.6	6685.6	6573.2	6461.1	6318.8	6149.2	5937.2
-7.5°	6507.7	6575.1	6622.2	6659.2	6622.2	6575.1	6507.7	6384.1	6253.5	6086.8	5869.6
-10°	6389.1	6454.9	6493.4	6519.6	6493.4	6454.9	6389.1	6297.5	6151.2	5974.2	5759.1
-12.5°	6252.6	6318.1	6358.4	6377.5	6358.4	6318.1	6252.6	6154.1	6023.0	5825.4	5606.5
-15°	6077.7	6150.9	6202.4	6222.7	6202.4	6150.9	6077.7	5974.4	5831.9	5656.0	5447.5
-17.5°	5862.9	5940.1	5994.3	6009.5	5994.3	5940.1	5862.9	5757.6	5617.1	5454.5	5266.7
-20°	5618.8	5691.8	5735.8	5753.2	5735.8	5691.8	5618.8	5519.4	5385.2	5232.0	5058.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626961 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-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°	5348.9	5416.3	5457.7	5474.1	5457.7	5416.3	5348.9	5258.5	5136.7	4992.8	4828.4
-25°	5066.3	5130.8	5175.6	5184.8	5175.6	5130.8	5066.3	4985.5	4875.5	4737.8	4582.7
-27.5°	4779.5	4842.8	4886.5	4890.4	4886.5	4842.8	4779.5	4698.4	4591.3	4465.9	4320.6
-30°	4483.4	4534.9	4563.8	4575.7	4563.8	4534.9	4483.4	4404.0	4302.5	4187.1	4054.0
-32.5°	4178.0	4224.8	4249.9	4253.4	4249.9	4224.8	4178.0	4106.5	4015.9	3910.5	3786.7
-35°	3872.1	3915.4	3939.9	3938.7	3939.9	3915.4	3872.1	3811.1	3732.4	3636.5	3516.1
-37.5°	3570.4	3606.2	3623.7	3624.0	3623.7	3606.2	3570.4	3514.9	3438.0	3343.3	3241.2
-40°	3270.0	3305.9	3322.4	3314.4	3322.4	3305.9	3270.0	3218.2	3148.9	3065.8	2975.3
-42.5°	2977.0	3010.1	3024.0	3012.4	3024.0	3010.1	2977.0	2932.0	2873.2	2803.2	2722.9
-45°	2689.0	2714.5	2724.4	2718.0	2724.4	2714.5	2689.0	2650.3	2598.6	2537.0	2466.6
-47.5°	2406.1	2430.7	2440.3	2433.8	2440.3	2430.7	2406.1	2371.5	2327.3	2271.3	2202.8
-50°	2137.4	2155.8	2163.2	2159.7	2163.2	2155.8	2137.4	2109.9	2072.4	2024.8	1969.8
-52.5°	1884.1	1899.3	1904.7	1900.8	1904.7	1899.3	1884.1	1860.4	1828.1	1787.6	1740.3
-55°	1640.2	1654.3	1659.7	1657.2	1659.7	1654.3	1640.2	1619.1	1591.0	1558.0	1518.5
-57.5°	1409.6	1420.6	1423.2	1418.6	1423.2	1420.6	1409.6	1392.8	1370.2	1343.3	1310.6
-60°	1200.6	1209.1	1213.5	1213.1	1213.5	1209.1	1200.6	1187.3	1169.6	1147.7	1121.2
-62.5°	1007.4	1012.8	1015.8	1015.1	1015.8	1012.8	1007.4	997.9	984.6	967.9	948.5
-65°	825.0	827.0	826.3	822.3	826.3	827.0	825.0	819.8	811.3	800.8	788.0
-67.5°	665.7	665.9	668.7	670.0	668.7	665.9	665.7	662.9	657.5	650.5	642.3
-70°	527.9	527.1	528.2	527.9	528.2	527.1	527.9	527.3	525.5	523.0	519.1
-72.5°	410.4	403.9	398.0	390.8	398.0	403.9	410.4	416.0	420.9	423.6	420.9
-75°	306.7	293.4	285.3	276.6	285.3	293.4	306.7	319.3	331.2	340.3	339.4
-77.5°	222.1	205.1	197.8	190.3	197.8	205.1	222.1	238.4	253.7	266.4	267.3
-80°	149.7	134.1	128.0	121.8	128.0	134.1	149.7	164.5	178.6	191.0	194.3
-82.5°	89.9	78.4	74.8	71.1	74.8	78.4	89.9	100.9	111.3	120.8	121.8
-85°	44.5	37.9	35.5	33.0	35.5	37.9	44.5	50.8	56.8	62.2	60.2
-87.5°	8.2	7.6	7.6	7.6	7.6	7.6	8.2	8.8	9.3	9.9	9.7
-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: P626961 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-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°	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.1	7.8	7.5	7.2
85°	58.1	55.8	53.4	50.9	48.2	45.4	42.4	37.2	32.3	27.8	23.9
82.5°	122.0	121.5	119.7	112.8	105.8	98.9	91.5	80.6	69.9	59.4	50.2
80°	196.7	198.0	196.7	185.2	173.6	161.9	149.4	133.4	117.3	101.9	90.4
77.5°	267.9	268.2	266.0	254.6	242.0	228.3	212.6	193.4	174.1	154.7	139.8
75°	337.7	335.4	330.6	320.1	307.5	292.8	277.4	260.5	240.8	218.1	198.6
72.5°	416.8	411.5	404.0	393.7	381.5	368.5	352.5	333.8	313.2	290.5	270.0
70°	513.0	504.5	493.3	479.2	465.5	451.1	434.0	413.5	389.4	364.4	341.5
67.5°	631.7	618.7	602.8	585.9	568.8	548.7	525.8	500.7	475.8	448.1	416.7
65°	772.2	753.3	730.3	708.4	684.5	658.5	629.2	600.0	569.6	536.3	496.5
62.5°	926.6	902.6	871.3	839.6	807.2	773.8	737.8	702.1	665.7	626.4	581.7
60°	1090.3	1054.6	1018.6	979.2	936.5	891.6	850.8	807.3	761.4	716.9	667.8
57.5°	1271.8	1227.8	1180.8	1130.6	1077.5	1025.1	972.2	917.5	865.6	811.4	755.8
55°	1472.9	1421.0	1362.1	1297.3	1230.3	1169.5	1103.4	1037.1	974.5	908.7	847.5
52.5°	1687.2	1625.0	1556.7	1483.2	1406.9	1328.0	1247.6	1171.4	1090.0	1015.5	941.4
50°	1908.1	1836.9	1758.1	1673.7	1588.8	1497.4	1405.4	1313.8	1221.6	1130.2	1041.5
47.5°	2132.5	2055.4	1967.8	1874.3	1777.2	1675.1	1570.4	1460.3	1358.2	1252.3	1151.5
45°	2379.1	2284.0	2185.8	2082.9	1971.8	1859.1	1741.7	1621.2	1498.4	1381.9	1263.7
42.5°	2627.3	2520.2	2406.7	2293.5	2172.3	2046.1	1915.1	1782.3	1647.4	1513.0	1383.9
40°	2874.4	2758.6	2634.8	2505.4	2373.3	2234.3	2090.8	1943.1	1796.6	1648.8	1502.7
37.5°	3127.2	3002.0	2867.9	2725.4	2577.5	2423.4	2265.6	2105.7	1944.1	1785.1	1626.6
35°	3386.4	3249.4	3101.4	2945.8	2782.9	2614.3	2441.2	2266.1	2092.2	1920.3	1748.6
32.5°	3643.3	3494.9	3335.3	3165.0	2985.8	2802.2	2616.1	2427.0	2236.7	2053.1	1870.2
30°	3902.4	3738.1	3565.2	3381.2	3186.9	2987.0	2785.3	2585.0	2382.2	2180.2	1986.7
27.5°	4156.3	3976.9	3789.1	3590.1	3382.5	3168.1	2951.4	2737.6	2521.3	2306.5	2097.9
25°	4403.3	4209.7	4002.4	3789.9	3569.8	3341.3	3108.3	2882.1	2656.3	2426.4	2197.6
22.5°	4641.1	4429.1	4205.7	3978.4	3746.8	3506.7	3258.3	3014.5	2780.9	2534.0	2294.9
20°	4860.4	4632.7	4394.2	4154.8	3909.9	3664.2	3398.1	3138.7	2887.3	2633.9	2383.1
17.5°	5054.9	4823.6	4573.4	4321.0	4060.3	3801.6	3528.7	3251.7	2985.4	2722.6	2460.7
15°	5226.4	4995.3	4741.9	4475.8	4197.4	3914.9	3639.2	3351.6	3074.7	2801.1	2532.4
12.5°	5382.1	5140.2	4887.2	4605.7	4310.2	4015.4	3728.7	3439.1	3154.1	2872.9	2597.0
10°	5521.8	5258.9	4991.1	4705.9	4404.5	4100.2	3805.0	3512.7	3221.7	2934.4	2650.2
7.5°	5617.6	5347.0	5070.3	4786.0	4484.2	4175.1	3871.0	3571.8	3274.4	2983.3	2691.7
5°	5688.3	5416.4	5138.9	4850.6	4546.0	4231.0	3919.7	3614.7	3312.0	3019.1	2721.2
2.5°	5742.6	5463.9	5185.7	4891.1	4586.0	4268.7	3954.5	3646.9	3341.8	3045.4	2747.3
0°	5781.1	5481.7	5212.7	4923.4	4611.2	4291.4	3976.8	3667.1	3360.1	3058.1	2761.1
-2.5°	5742.6	5463.9	5185.7	4891.1	4586.0	4268.7	3954.5	3646.9	3341.8	3045.4	2747.3
-5°	5688.3	5416.4	5138.9	4850.6	4546.0	4231.0	3919.7	3614.7	3312.0	3019.1	2721.2
-7.5°	5617.6	5347.0	5070.3	4786.0	4484.2	4175.1	3871.0	3571.8	3274.4	2983.3	2691.7
-10°	5521.8	5258.9	4991.1	4705.9	4404.5	4100.2	3805.0	3512.7	3221.7	2934.4	2650.2
-12.5°	5382.1	5140.2	4887.2	4605.7	4310.2	4015.4	3728.7	3439.1	3154.1	2872.9	2597.0
-15°	5226.4	4995.3	4741.9	4475.8	4197.4	3914.9	3639.2	3351.6	3074.7	2801.1	2532.4
-17.5°	5054.9	4823.6	4573.4	4321.0	4060.3	3801.6	3528.7	3251.7	2985.4	2722.6	2460.7
-20°	4860.4	4632.7	4394.2	4154.8	3909.9	3664.2	3398.1	3138.7	2887.3	2633.9	2383.1



REPORT NUMBER: P626961 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4641.1	4429.1	4205.7	3978.4	3746.8	3506.7	3258.3	3014.5	2780.9	2534.0	2294.9
-25°	4403.3	4209.7	4002.4	3789.9	3569.8	3341.3	3108.3	2882.1	2656.3	2426.4	2197.6
-27.5°	4156.3	3976.9	3789.1	3590.1	3382.5	3168.1	2951.4	2737.6	2521.3	2306.5	2097.9
-30°	3902.4	3738.1	3565.2	3381.2	3186.9	2987.0	2785.3	2585.0	2382.2	2180.2	1986.7
-32.5°	3643.3	3494.9	3335.3	3165.0	2985.8	2802.2	2616.1	2427.0	2236.7	2053.1	1870.2
-35°	3386.4	3249.4	3101.4	2945.8	2782.9	2614.3	2441.2	2266.1	2092.2	1920.3	1748.6
-37.5°	3127.2	3002.0	2867.9	2725.4	2577.5	2423.4	2265.6	2105.7	1944.1	1785.1	1626.6
-40°	2874.4	2758.6	2634.8	2505.4	2373.3	2234.3	2090.8	1943.1	1796.6	1648.8	1502.7
-42.5°	2627.3	2520.2	2406.7	2293.5	2172.3	2046.1	1915.1	1782.3	1647.4	1513.0	1383.9
-45°	2379.1	2284.0	2185.8	2082.9	1971.8	1859.1	1741.7	1621.2	1498.4	1381.9	1263.7
-47.5°	2132.5	2055.4	1967.8	1874.3	1777.2	1675.1	1570.4	1460.3	1358.2	1252.3	1151.5
-50°	1908.1	1836.9	1758.1	1673.7	1588.8	1497.4	1405.4	1313.8	1221.6	1130.2	1041.5
-52.5°	1687.2	1625.0	1556.7	1483.2	1406.9	1328.0	1247.6	1171.4	1090.0	1015.5	941.4
-55°	1472.9	1421.0	1362.1	1297.3	1230.3	1169.5	1103.4	1037.1	974.5	908.7	847.5
-57.5°	1271.8	1227.8	1180.8	1130.6	1077.5	1025.1	972.2	917.5	865.6	811.4	755.8
-60°	1090.3	1054.6	1018.6	979.2	936.5	891.6	850.8	807.3	761.4	716.9	667.8
-62.5°	926.6	902.6	871.3	839.6	807.2	773.8	737.8	702.1	665.7	626.4	581.7
-65°	772.2	753.3	730.3	708.4	684.5	658.5	629.2	600.0	569.6	536.3	496.5
-67.5°	631.7	618.7	602.8	585.9	568.8	548.7	525.8	500.7	475.8	448.1	416.7
-70°	513.0	504.5	493.3	479.2	465.5	451.1	434.0	413.5	389.4	364.4	341.5
-72.5°	416.8	411.5	404.0	393.7	381.5	368.5	352.5	333.8	313.2	290.5	270.0
-75°	337.7	335.4	330.6	320.1	307.5	292.8	277.4	260.5	240.8	218.1	198.6
-77.5°	267.9	268.2	266.0	254.6	242.0	228.3	212.6	193.4	174.1	154.7	139.8
-80°	196.7	198.0	196.7	185.2	173.6	161.9	149.4	133.4	117.3	101.9	90.4
-82.5°	122.0	121.5	119.7	112.8	105.8	98.9	91.5	80.6	69.9	59.4	50.2
-85°	58.1	55.8	53.4	50.9	48.2	45.4	42.4	37.2	32.3	27.8	23.9
-87.5°	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.1	7.8	7.5	7.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626961 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-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°	7.3	7.4	7.4	7.3	6.5	5.7	5.0	4.3	3.9	3.5	3.1
85°	24.0	23.4	22.2	20.1	15.8	11.4	10.0	8.6	7.8	7.0	6.1
82.5°	50.1	50.6	50.5	49.1	43.3	37.2	30.9	24.3	18.0	11.5	9.2
80°	90.5	89.5	87.4	83.2	73.7	63.0	55.0	46.6	38.5	30.0	21.1
77.5°	136.8	132.9	128.1	122.7	112.6	100.8	87.2	71.8	58.8	48.3	37.4
75°	188.6	182.3	175.6	166.6	153.7	138.9	124.0	106.0	86.0	67.3	53.6
72.5°	253.5	238.4	224.9	212.3	198.3	181.8	162.7	139.6	115.4	92.5	71.1
70°	319.3	296.7	276.5	259.2	242.3	225.0	204.1	175.6	144.1	117.2	92.0
67.5°	386.1	359.3	332.3	306.5	285.2	264.8	244.6	211.5	175.4	141.4	112.4
65°	459.7	424.1	389.8	357.9	329.0	303.5	279.8	245.1	205.7	167.5	132.2
62.5°	535.6	490.1	449.6	408.9	372.9	341.9	313.4	275.1	234.7	192.7	153.0
60°	615.4	563.6	509.6	462.1	418.0	378.9	344.4	304.7	261.8	217.0	173.6
57.5°	699.4	638.5	577.9	517.8	464.8	417.9	374.5	332.8	288.5	240.9	192.8
55°	784.6	719.0	647.3	579.6	514.5	458.6	406.4	359.7	314.2	264.5	209.4
52.5°	869.9	797.8	720.9	642.6	569.8	499.8	441.4	385.9	337.9	287.5	226.6
50°	959.0	876.4	794.0	709.4	624.8	548.1	475.3	416.0	360.9	309.3	243.0
47.5°	1051.8	959.8	868.0	775.6	684.8	594.3	514.8	445.5	383.2	329.1	258.2
45°	1153.5	1045.9	944.4	844.5	741.7	644.2	554.9	473.6	408.4	344.5	272.3
42.5°	1255.1	1136.8	1023.3	912.2	801.3	693.8	592.8	506.8	432.5	359.2	285.2
40°	1363.3	1228.0	1102.2	981.7	859.5	740.9	634.8	539.2	455.0	374.5	297.4
37.5°	1468.4	1321.6	1183.3	1048.0	916.6	791.9	675.2	569.5	476.4	391.7	309.0
35°	1579.7	1415.5	1258.3	1114.7	975.2	840.2	713.1	600.1	501.1	408.4	320.0
32.5°	1687.2	1507.4	1338.7	1180.6	1031.2	885.7	752.0	632.5	524.8	424.7	330.2
30°	1792.8	1599.6	1415.8	1242.9	1085.5	933.4	791.0	662.8	547.5	440.4	340.4
27.5°	1890.2	1684.9	1489.7	1307.3	1138.8	978.7	827.9	690.8	569.0	456.5	352.3
25°	1981.0	1767.1	1562.6	1369.2	1188.4	1021.6	861.8	716.8	590.9	473.4	363.3
22.5°	2066.1	1843.4	1628.6	1426.2	1234.2	1061.0	894.9	744.5	611.6	488.8	373.4
20°	2143.5	1912.1	1687.7	1477.9	1278.8	1098.6	926.7	769.3	630.1	502.9	382.5
17.5°	2213.2	1974.9	1744.2	1526.3	1320.4	1132.0	955.0	791.1	646.4	515.4	390.5
15°	2277.9	2032.0	1794.1	1568.5	1356.3	1161.0	979.6	810.0	660.3	526.3	398.1
12.5°	2333.5	2080.9	1836.4	1604.3	1386.6	1185.6	1000.5	825.8	671.9	536.2	405.3
10°	2379.3	2121.4	1871.0	1633.6	1411.1	1205.6	1017.4	839.1	682.8	544.7	410.8
7.5°	2414.9	2153.1	1897.6	1656.2	1430.6	1222.3	1031.8	850.6	691.5	551.2	414.7
5°	2441.9	2177.8	1920.8	1675.1	1448.5	1235.9	1042.3	858.8	697.9	555.7	416.8
2.5°	2465.9	2196.4	1938.9	1687.4	1460.6	1244.7	1048.6	863.7	701.7	558.1	417.4
0°	2479.4	2205.4	1949.0	1692.7	1466.9	1248.6	1050.7	865.4	703.0	558.3	416.2
-2.5°	2465.9	2196.4	1938.9	1687.4	1460.6	1244.7	1048.6	863.7	701.7	558.1	417.4
-5°	2441.9	2177.8	1920.8	1675.1	1448.5	1235.9	1042.3	858.8	697.9	555.7	416.8
-7.5°	2414.9	2153.1	1897.6	1656.2	1430.6	1222.3	1031.8	850.6	691.5	551.2	414.7
-10°	2379.3	2121.4	1871.0	1633.6	1411.1	1205.6	1017.4	839.1	682.8	544.7	410.8
-12.5°	2333.5	2080.9	1836.4	1604.3	1386.6	1185.6	1000.5	825.8	671.9	536.2	405.3
-15°	2277.9	2032.0	1794.1	1568.5	1356.3	1161.0	979.6	810.0	660.3	526.3	398.1
-17.5°	2213.2	1974.9	1744.2	1526.3	1320.4	1132.0	955.0	791.1	646.4	515.4	390.5
-20°	2143.5	1912.1	1687.7	1477.9	1278.8	1098.6	926.7	769.3	630.1	502.9	382.5

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626961 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-727-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°	2066.1	1843.4	1628.6	1426.2	1234.2	1061.0	894.9	744.5	611.6	488.8	373.4
-25°	1981.0	1767.1	1562.6	1369.2	1188.4	1021.6	861.8	716.8	590.9	473.4	363.3
-27.5°	1890.2	1684.9	1489.7	1307.3	1138.8	978.7	827.9	690.8	569.0	456.5	352.3
-30°	1792.8	1599.6	1415.8	1242.9	1085.5	933.4	791.0	662.8	547.5	440.4	340.4
-32.5°	1687.2	1507.4	1338.7	1180.6	1031.2	885.7	752.0	632.5	524.8	424.7	330.2
-35°	1579.7	1415.5	1258.3	1114.7	975.2	840.2	713.1	600.1	501.1	408.4	320.0
-37.5°	1468.4	1321.6	1183.3	1048.0	916.6	791.9	675.2	569.5	476.4	391.7	309.0
-40°	1363.3	1228.0	1102.2	981.7	859.5	740.9	634.8	539.2	455.0	374.5	297.4
-42.5°	1255.1	1136.8	1023.3	912.2	801.3	693.8	592.8	506.8	432.5	359.2	285.2
-45°	1153.5	1045.9	944.4	844.5	741.7	644.2	554.9	473.6	408.4	344.5	272.3
-47.5°	1051.8	959.8	868.0	775.6	684.8	594.3	514.8	445.5	383.2	329.1	258.2
-50°	959.0	876.4	794.0	709.4	624.8	548.1	475.3	416.0	360.9	309.3	243.0
-52.5°	869.9	797.8	720.9	642.6	569.8	499.8	441.4	385.9	337.9	287.5	226.6
-55°	784.6	719.0	647.3	579.6	514.5	458.6	406.4	359.7	314.2	264.5	209.4
-57.5°	699.4	638.5	577.9	517.8	464.8	417.9	374.5	332.8	288.5	240.9	192.8
-60°	615.4	563.6	509.6	462.1	418.0	378.9	344.4	304.7	261.8	217.0	173.6
-62.5°	535.6	490.1	449.6	408.9	372.9	341.9	313.4	275.1	234.7	192.7	153.0
-65°	459.7	424.1	389.8	357.9	329.0	303.5	279.8	245.1	205.7	167.5	132.2
-67.5°	386.1	359.3	332.3	306.5	285.2	264.8	244.6	211.5	175.4	141.4	112.4
-70°	319.3	296.7	276.5	259.2	242.3	225.0	204.1	175.6	144.1	117.2	92.0
-72.5°	253.5	238.4	224.9	212.3	198.3	181.8	162.7	139.6	115.4	92.5	71.1
-75°	188.6	182.3	175.6	166.6	153.7	138.9	124.0	106.0	86.0	67.3	53.6
-77.5°	136.8	132.9	128.1	122.7	112.6	100.8	87.2	71.8	58.8	48.3	37.4
-80°	90.5	89.5	87.4	83.2	73.7	63.0	55.0	46.6	38.5	30.0	21.1
-82.5°	50.1	50.6	50.5	49.1	43.3	37.2	30.9	24.3	18.0	11.5	9.2
-85°	24.0	23.4	22.2	20.1	15.8	11.4	10.0	8.6	7.8	7.0	6.1
-87.5°	7.3	7.4	7.4	7.3	6.5	5.7	5.0	4.3	3.9	3.5	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626961 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-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°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
85°	5.3	4.4	3.5	2.7	1.8	0.8	0.0
82.5°	7.9	6.6	5.3	4.0	2.7	1.2	0.0
80°	11.9	8.8	7.0	5.3	3.5	1.5	0.0
77.5°	25.8	13.8	8.8	6.6	4.4	1.9	0.0
75°	39.4	23.8	11.4	7.9	5.2	2.3	0.0
72.5°	52.6	33.5	18.2	9.2	6.1	2.7	0.0
70°	65.7	42.9	24.7	11.0	6.9	3.0	0.0
67.5°	81.5	51.8	31.0	15.0	7.6	3.4	0.0
65°	96.6	61.9	37.0	18.9	8.4	3.7	0.0
62.5°	111.0	72.9	42.7	22.6	9.1	4.0	0.0
60°	124.5	83.3	48.1	26.1	9.8	4.4	0.0
57.5°	138.8	93.1	55.2	29.4	11.8	4.7	0.0
55°	152.3	102.2	62.0	32.5	13.7	5.0	0.0
52.5°	164.8	110.8	68.3	35.4	15.6	5.3	0.0
50°	176.2	120.0	74.1	38.0	17.4	5.5	0.0
47.5°	187.0	128.4	79.4	40.7	19.1	5.8	0.0
45°	198.9	136.0	84.2	44.2	20.7	6.0	0.0
42.5°	209.8	142.7	88.4	47.4	22.2	6.3	0.0
40°	219.7	148.6	92.7	50.6	23.6	6.5	0.0
37.5°	228.6	153.6	96.9	53.9	25.0	6.7	0.0
35°	236.5	159.4	100.5	56.9	26.2	6.8	0.0
32.5°	243.7	165.2	103.5	59.6	27.4	7.0	0.0
30°	251.3	170.2	106.0	62.2	28.4	7.1	0.0
27.5°	258.0	174.3	109.6	64.5	29.3	7.3	0.0
25°	264.0	177.5	113.0	66.5	30.2	7.4	0.0
22.5°	269.1	180.8	116.0	68.3	30.9	7.5	0.0
20°	273.3	185.3	118.6	69.9	31.6	7.6	0.0
17.5°	278.6	188.9	120.8	71.2	32.1	7.6	0.0
15°	284.1	191.8	122.5	72.3	32.5	7.7	0.0
12.5°	288.6	193.9	123.8	73.1	32.9	7.7	0.0
10°	292.0	195.2	124.8	73.7	33.1	7.7	0.0
7.5°	294.3	195.7	125.3	74.0	33.2	7.7	0.0
5°	295.5	195.5	125.4	74.1	33.3	7.7	0.0
2.5°	295.5	194.5	125.1	74.0	33.2	7.6	0.0
0°	294.4	192.9	124.4	73.6	33.0	7.6	0.0
-2.5°	295.5	194.5	125.1	74.0	33.2	7.6	0.0
-5°	295.5	195.5	125.4	74.1	33.3	7.7	0.0
-7.5°	294.3	195.7	125.3	74.0	33.2	7.7	0.0
-10°	292.0	195.2	124.8	73.7	33.1	7.7	0.0
-12.5°	288.6	193.9	123.8	73.1	32.9	7.7	0.0
-15°	284.1	191.8	122.5	72.3	32.5	7.7	0.0
-17.5°	278.6	188.9	120.8	71.2	32.1	7.6	0.0
-20°	273.3	185.3	118.6	69.9	31.6	7.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	269.1	180.8	116.0	68.3	30.9	7.5	0.0
-25°	264.0	177.5	113.0	66.5	30.2	7.4	0.0
-27.5°	258.0	174.3	109.6	64.5	29.3	7.3	0.0
-30°	251.3	170.2	106.0	62.2	28.4	7.1	0.0
-32.5°	243.7	165.2	103.5	59.6	27.4	7.0	0.0
-35°	236.5	159.4	100.5	56.9	26.2	6.8	0.0
-37.5°	228.6	153.6	96.9	53.9	25.0	6.7	0.0
-40°	219.7	148.6	92.7	50.6	23.6	6.5	0.0
-42.5°	209.8	142.7	88.4	47.4	22.2	6.3	0.0
-45°	198.9	136.0	84.2	44.2	20.7	6.0	0.0
-47.5°	187.0	128.4	79.4	40.7	19.1	5.8	0.0
-50°	176.2	120.0	74.1	38.0	17.4	5.5	0.0
-52.5°	164.8	110.8	68.3	35.4	15.6	5.3	0.0
-55°	152.3	102.2	62.0	32.5	13.7	5.0	0.0
-57.5°	138.8	93.1	55.2	29.4	11.8	4.7	0.0
-60°	124.5	83.3	48.1	26.1	9.8	4.4	0.0
-62.5°	111.0	72.9	42.7	22.6	9.1	4.0	0.0
-65°	96.6	61.9	37.0	18.9	8.4	3.7	0.0
-67.5°	81.5	51.8	31.0	15.0	7.6	3.4	0.0
-70°	65.7	42.9	24.7	11.0	6.9	3.0	0.0
-72.5°	52.6	33.5	18.2	9.2	6.1	2.7	0.0
-75°	39.4	23.8	11.4	7.9	5.2	2.3	0.0
-77.5°	25.8	13.8	8.8	6.6	4.4	1.9	0.0
-80°	11.9	8.8	7.0	5.3	3.5	1.5	0.0
-82.5°	7.9	6.6	5.3	4.0	2.7	1.2	0.0
-85°	5.3	4.4	3.5	2.7	1.8	0.8	0.0
-87.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)