

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: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-750-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627781 (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-SA5E-750-U-VWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N132
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

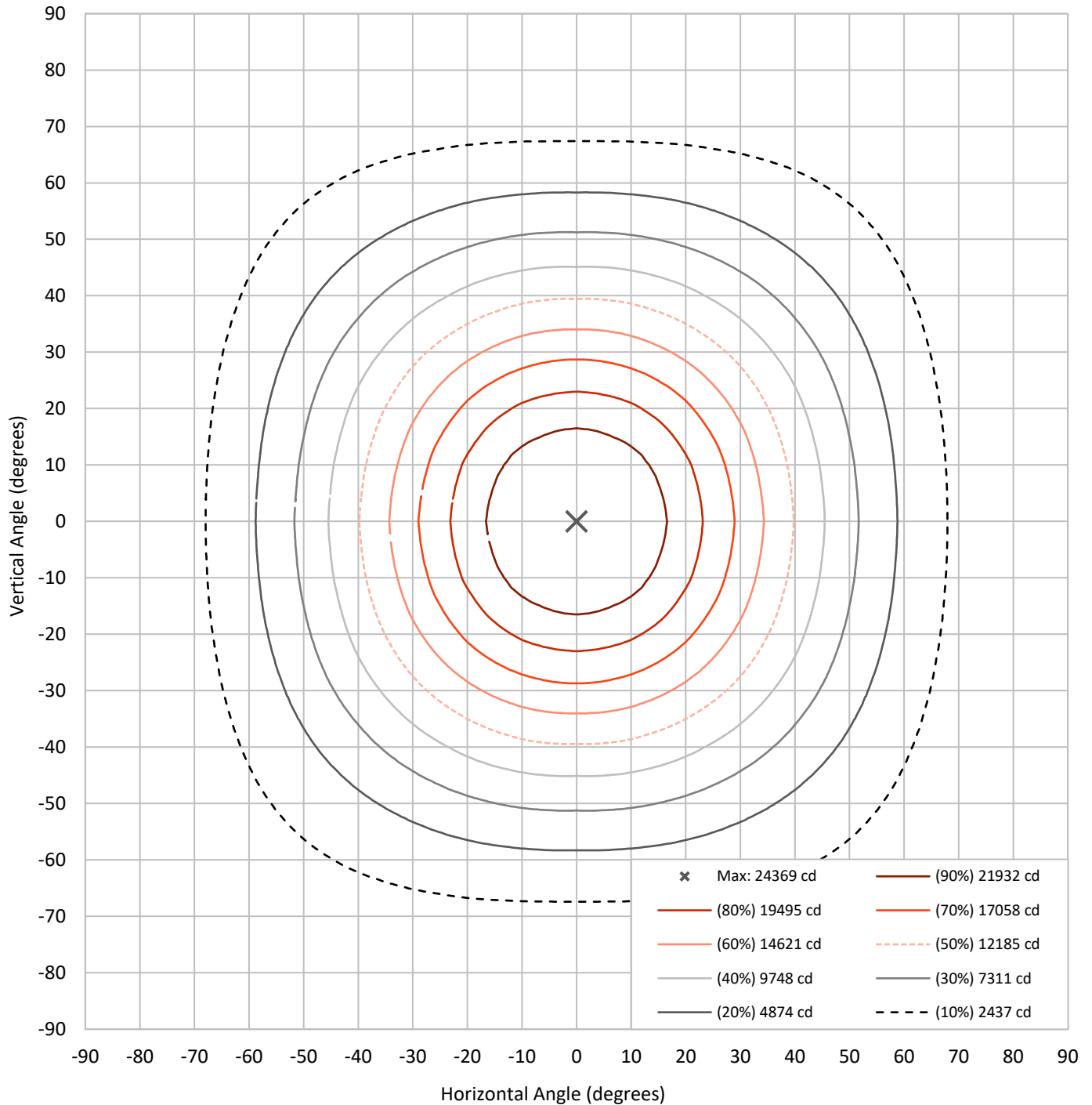
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	44044.8 lumens	Max Intensity:	24369 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	25832.5 lumens	Field Lumens:	41989.2 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	313.7		
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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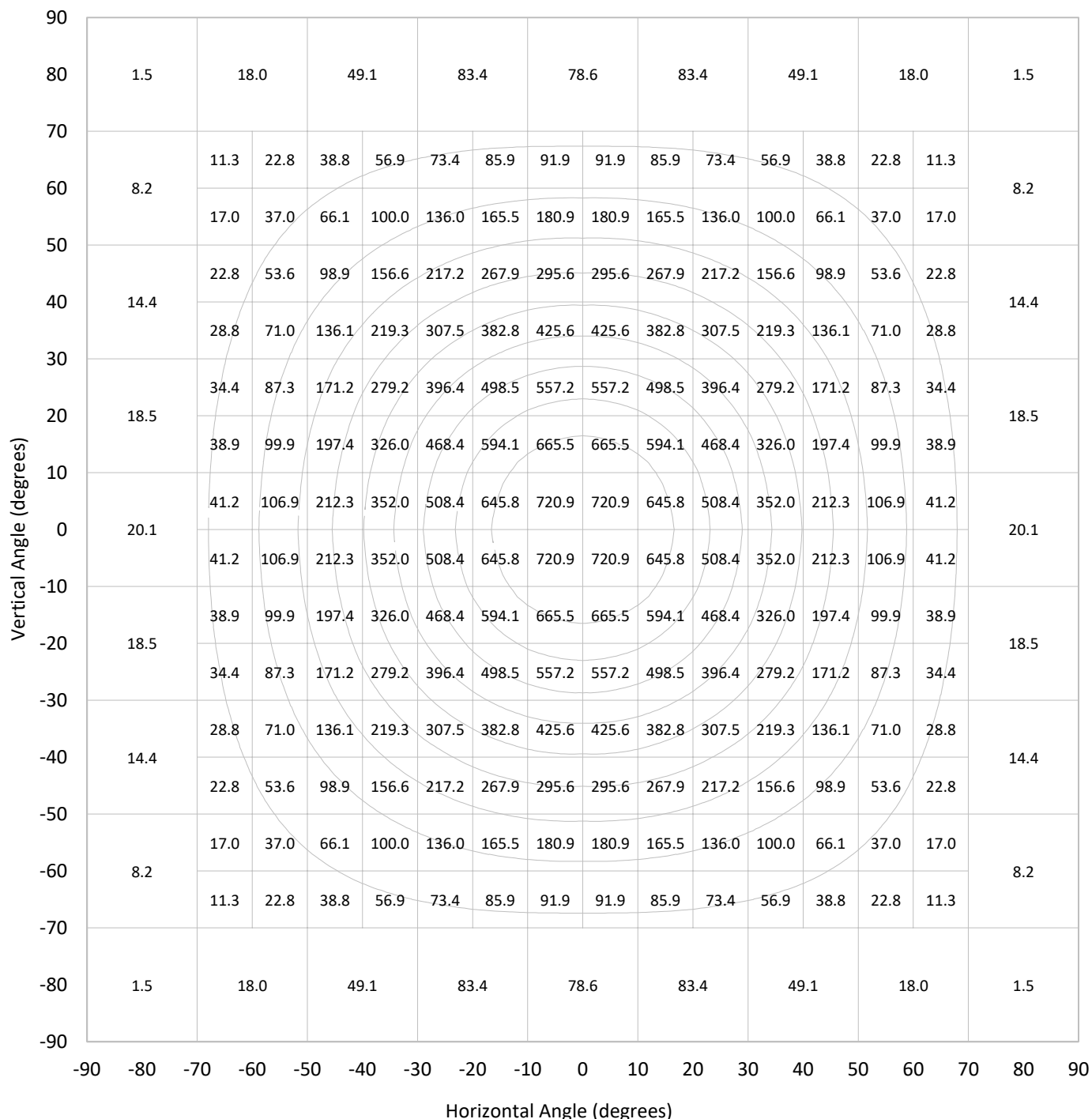
Iso-Candela Plot





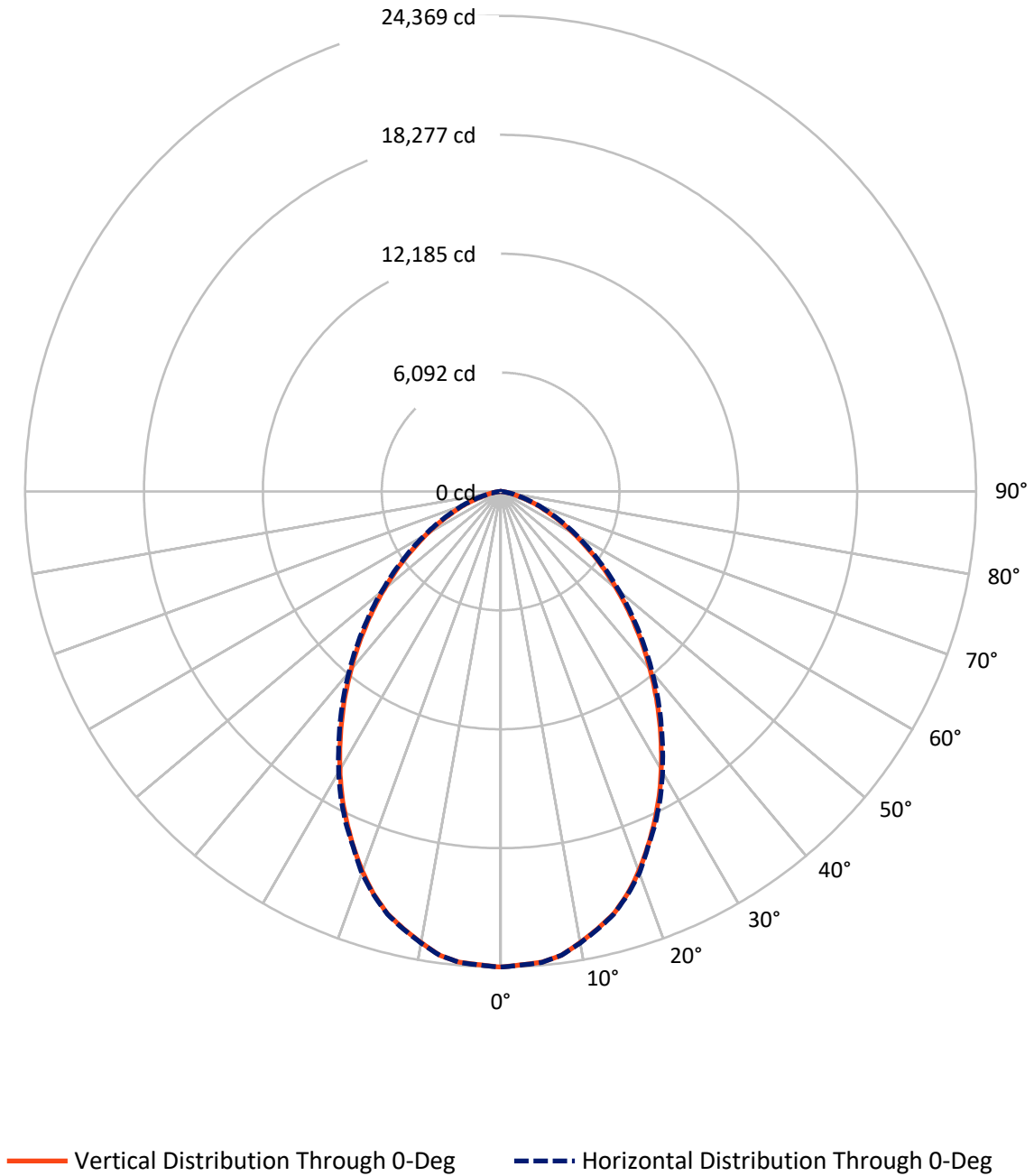
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Lumen Table



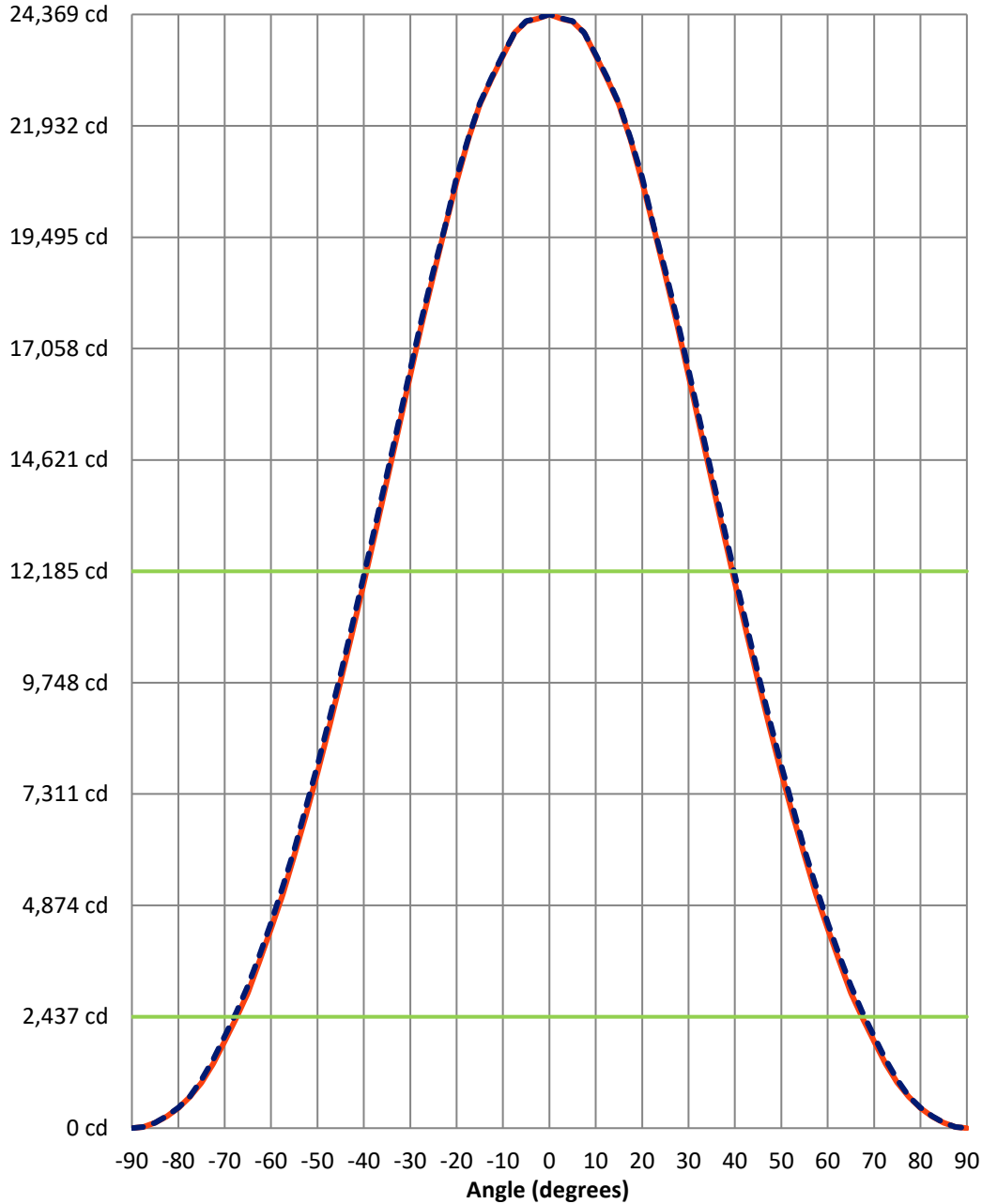
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 25832.5
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 41989.2
 Efficiency: 95.3%

Spill:
 Lumens: 2055.6
 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	1.4	3.2	4.8	6.3	7.9	9.4	11.0	12.5	14.0	15.4
85°	0.0	2.8	6.3	9.5	12.7	15.8	18.9	21.9	24.9	27.9	30.8
82.5°	0.0	4.2	9.5	14.3	19.0	23.6	28.3	32.8	41.1	64.7	87.3
80°	0.0	5.5	12.6	19.0	25.2	31.4	42.5	75.7	107.7	138.4	167.8
77.5°	0.0	6.9	15.7	23.6	31.4	49.3	92.7	134.6	173.9	211.7	258.5
75°	0.0	8.2	18.7	28.3	41.0	85.4	141.7	193.0	242.1	309.8	381.6
72.5°	0.0	9.5	21.7	32.8	65.3	120.4	189.1	255.7	332.9	415.2	502.4
70°	0.0	10.8	24.6	39.3	88.9	154.1	236.5	331.0	421.8	518.8	632.1
67.5°	0.0	12.1	27.4	53.9	111.6	186.5	293.5	404.5	508.8	631.3	761.2
65°	0.0	13.3	30.1	67.9	133.2	222.7	347.9	476.0	602.7	740.4	882.0
62.5°	0.0	14.5	32.7	81.3	153.7	262.4	399.5	550.7	693.6	844.7	990.0
60°	0.0	15.7	35.3	93.9	173.0	299.9	448.2	624.9	781.0	942.4	1096.6
57.5°	0.0	16.8	42.4	105.8	198.6	335.1	499.5	694.0	867.1	1038.3	1197.6
55°	0.0	17.9	49.3	116.9	223.1	367.9	548.1	753.7	951.8	1130.9	1294.5
52.5°	0.0	18.9	56.0	127.2	245.8	399.0	593.1	815.7	1034.6	1216.2	1389.0
50°	0.0	19.8	62.4	136.5	266.8	432.1	634.3	874.7	1113.2	1299.0	1497.2
47.5°	0.0	20.8	68.5	146.3	285.9	462.2	672.9	929.5	1184.4	1379.1	1603.3
45°	0.0	21.6	74.3	158.9	303.1	489.5	715.9	980.0	1239.8	1469.7	1704.8
42.5°	0.0	22.5	79.8	170.5	318.3	513.7	755.2	1026.4	1292.8	1556.5	1824.2
40°	0.0	23.2	84.9	182.2	333.6	534.8	790.9	1070.5	1347.9	1637.7	1940.7
37.5°	0.0	23.9	89.7	193.8	348.8	552.9	822.9	1112.2	1409.8	1714.8	2049.8
35°	0.0	24.6	94.2	204.6	361.8	573.7	851.1	1151.5	1470.0	1803.6	2159.9
32.5°	0.0	25.2	98.3	214.6	372.7	594.6	877.2	1188.3	1528.5	1888.9	2276.4
30°	0.0	25.7	102.1	223.7	381.4	612.5	904.4	1225.1	1585.0	1970.5	2385.3
27.5°	0.0	26.2	105.5	232.0	394.4	627.2	928.7	1267.8	1643.0	2047.9	2486.3
25°	0.0	26.6	108.6	239.4	406.7	638.9	950.2	1307.5	1703.7	2126.7	2579.8
22.5°	0.0	26.9	111.2	245.9	417.5	650.7	968.6	1343.8	1759.4	2201.2	2679.4
20°	0.0	27.2	113.6	251.6	426.8	666.9	983.7	1376.5	1810.0	2267.9	2768.6
17.5°	0.0	27.4	115.5	256.3	434.6	680.1	1002.7	1405.3	1855.1	2326.4	2847.3
15°	0.0	27.6	117.0	260.2	440.9	690.4	1022.4	1432.8	1894.3	2376.6	2915.2
12.5°	0.0	27.7	118.2	263.2	445.7	697.8	1038.5	1458.6	1929.8	2418.2	2972.0
10°	0.0	27.8	119.1	265.3	449.0	702.4	1050.7	1478.5	1960.4	2457.3	3019.9
7.5°	0.0	27.8	119.5	266.5	450.8	704.3	1059.0	1492.3	1983.9	2488.8	3061.2
5°	0.0	27.7	119.6	266.8	451.2	703.5	1063.3	1500.2	2000.1	2511.6	3090.8
2.5°	0.0	27.6	119.3	266.3	450.1	700.1	1063.5	1502.1	2008.7	2525.4	3108.7
0°	0.0	27.4	118.7	264.9	447.6	694.2	1059.5	1497.9	2009.4	2530.1	3114.6
-2.5°	0.0	27.6	119.3	266.3	450.1	700.1	1063.5	1502.1	2008.7	2525.4	3108.7
-5°	0.0	27.7	119.6	266.8	451.2	703.5	1063.3	1500.2	2000.1	2511.6	3090.8
-7.5°	0.0	27.8	119.5	266.5	450.8	704.3	1059.0	1492.3	1983.9	2488.8	3061.2
-10°	0.0	27.8	119.1	265.3	449.0	702.4	1050.7	1478.5	1960.4	2457.3	3019.9
-12.5°	0.0	27.7	118.2	263.2	445.7	697.8	1038.5	1458.6	1929.8	2418.2	2972.0
-15°	0.0	27.6	117.0	260.2	440.9	690.4	1022.4	1432.8	1894.3	2376.6	2915.2
-17.5°	0.0	27.4	115.5	256.3	434.6	680.1	1002.7	1405.3	1855.1	2326.4	2847.3
-20°	0.0	27.2	113.6	251.6	426.8	666.9	983.7	1376.5	1810.0	2267.9	2768.6



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	26.9	111.2	245.9	417.5	650.7	968.6	1343.8	1759.4	2201.2	2679.4
-25°	0.0	26.6	108.6	239.4	406.7	638.9	950.2	1307.5	1703.7	2126.7	2579.8
-27.5°	0.0	26.2	105.5	232.0	394.4	627.2	928.7	1267.8	1643.0	2047.9	2486.3
-30°	0.0	25.7	102.1	223.7	381.4	612.5	904.4	1225.1	1585.0	1970.5	2385.3
-32.5°	0.0	25.2	98.3	214.6	372.7	594.6	877.2	1188.3	1528.5	1888.9	2276.4
-35°	0.0	24.6	94.2	204.6	361.8	573.7	851.1	1151.5	1470.0	1803.6	2159.9
-37.5°	0.0	23.9	89.7	193.8	348.8	552.9	822.9	1112.2	1409.8	1714.8	2049.8
-40°	0.0	23.2	84.9	182.2	333.6	534.8	790.9	1070.5	1347.9	1637.7	1940.7
-42.5°	0.0	22.5	79.8	170.5	318.3	513.7	755.2	1026.4	1292.8	1556.5	1824.2
-45°	0.0	21.6	74.3	158.9	303.1	489.5	715.9	980.0	1239.8	1469.7	1704.8
-47.5°	0.0	20.8	68.5	146.3	285.9	462.2	672.9	929.5	1184.4	1379.1	1603.3
-50°	0.0	19.8	62.4	136.5	266.8	432.1	634.3	874.7	1113.2	1299.0	1497.2
-52.5°	0.0	18.9	56.0	127.2	245.8	399.0	593.1	815.7	1034.6	1216.2	1389.0
-55°	0.0	17.9	49.3	116.9	223.1	367.9	548.1	753.7	951.8	1130.9	1294.5
-57.5°	0.0	16.8	42.4	105.8	198.6	335.1	499.5	694.0	867.1	1038.3	1197.6
-60°	0.0	15.7	35.3	93.9	173.0	299.9	448.2	624.9	781.0	942.4	1096.6
-62.5°	0.0	14.5	32.7	81.3	153.7	262.4	399.5	550.7	693.6	844.7	990.0
-65°	0.0	13.3	30.1	67.9	133.2	222.7	347.9	476.0	602.7	740.4	882.0
-67.5°	0.0	12.1	27.4	53.9	111.6	186.5	293.5	404.5	508.8	631.3	761.2
-70°	0.0	10.8	24.6	39.3	88.9	154.1	236.5	331.0	421.8	518.8	632.1
-72.5°	0.0	9.5	21.7	32.8	65.3	120.4	189.1	255.7	332.9	415.2	502.4
-75°	0.0	8.2	18.7	28.3	41.0	85.4	141.7	193.0	242.1	309.8	381.6
-77.5°	0.0	6.9	15.7	23.6	31.4	49.3	92.7	134.6	173.9	211.7	258.5
-80°	0.0	5.5	12.6	19.0	25.2	31.4	42.5	75.7	107.7	138.4	167.8
-82.5°	0.0	4.2	9.5	14.3	19.0	23.6	28.3	32.8	41.1	64.7	87.3
-85°	0.0	2.8	6.3	9.5	12.7	15.8	18.9	21.9	24.9	27.9	30.8
-87.5°	0.0	1.4	3.2	4.8	6.3	7.9	9.4	11.0	12.5	14.0	15.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-VWR-XX

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°	17.9	20.5	23.3	26.2	26.4	26.4	26.2	25.8	26.9	28.0	29.0
85°	35.7	41.0	56.9	72.3	79.7	84.3	86.3	86.0	100.0	116.2	133.8
82.5°	111.1	134.0	155.9	176.6	182.0	182.2	180.4	181.0	213.8	251.5	290.1
80°	197.9	226.9	265.4	299.6	314.5	322.2	325.7	325.1	366.7	422.0	480.3
77.5°	313.9	362.8	405.4	441.6	461.1	478.4	492.4	503.1	556.6	626.6	696.0
75°	446.1	499.9	553.2	599.7	632.1	656.2	678.7	714.8	784.8	866.5	937.5
72.5°	585.7	654.2	713.6	764.1	809.7	858.1	912.3	971.7	1045.6	1127.1	1201.4
70°	734.7	810.0	872.2	933.0	995.1	1067.7	1149.0	1229.0	1311.4	1401.4	1488.1
67.5°	880.4	953.1	1026.4	1103.0	1196.0	1293.2	1389.3	1499.7	1612.6	1712.5	1802.0
65°	1007.1	1092.3	1183.9	1288.0	1402.9	1526.2	1654.6	1786.9	1930.2	2050.2	2159.6
62.5°	1128.0	1230.5	1341.9	1471.5	1618.0	1764.1	1927.8	2093.5	2254.6	2396.1	2526.8
60°	1239.4	1363.5	1504.4	1663.3	1834.4	2028.6	2214.9	2403.4	2580.2	2740.4	2905.6
57.5°	1347.9	1504.0	1673.0	1863.8	2080.1	2298.2	2517.4	2720.1	2920.2	3115.4	3302.3
55°	1462.6	1650.7	1851.9	2085.9	2329.7	2587.7	2823.7	3050.0	3270.5	3507.4	3732.5
52.5°	1588.8	1799.0	2050.7	2312.7	2594.4	2871.3	3130.6	3388.3	3654.8	3922.9	4216.0
50°	1710.6	1972.7	2248.6	2553.2	2857.5	3154.2	3451.5	3748.3	4067.7	4396.4	4728.5
47.5°	1853.0	2138.9	2464.8	2791.6	3124.1	3454.3	3785.5	4144.2	4507.0	4888.3	5255.6
45°	1997.0	2318.5	2669.6	3039.2	3398.7	3764.3	4151.6	4548.1	4973.5	5392.8	5834.8
42.5°	2133.5	2496.9	2884.1	3283.1	3683.0	4091.5	4517.4	4980.6	5445.4	5929.0	6414.7
40°	2284.8	2666.6	3093.5	3533.1	3967.0	4419.8	4906.6	5408.3	5934.2	6466.0	6993.4
37.5°	2430.1	2850.0	3298.6	3771.8	4258.8	4756.4	5284.9	5854.4	6424.8	6997.0	7578.6
35°	2566.3	3023.8	3509.8	4012.1	4528.5	5094.5	5685.4	6293.2	6911.3	7530.1	8155.8
32.5°	2706.4	3187.7	3711.5	4249.1	4818.2	5425.1	6072.3	6731.0	7389.2	8050.1	8734.9
30°	2846.8	3359.5	3906.9	4473.2	5095.7	5757.0	6452.6	7150.3	7846.6	8573.8	9303.6
27.5°	2979.5	3522.6	4098.9	4704.9	5361.6	6064.3	6803.0	7550.4	8301.2	9074.4	9852.8
25°	3101.7	3677.0	4277.1	4927.8	5623.9	6360.0	7129.6	7909.5	8732.9	9560.2	10373.0
22.5°	3220.8	3818.9	4442.1	5133.1	5861.5	6634.6	7436.0	8259.6	9119.9	10008.4	10849.6
20°	3335.4	3954.0	4602.7	5319.2	6074.3	6881.8	7714.5	8576.9	9479.5	10391.7	11296.5
17.5°	3437.2	4074.1	4752.2	5493.2	6277.5	7107.8	7965.3	8856.1	9798.9	10744.5	11703.2
15°	3525.8	4178.6	4881.6	5645.1	6457.0	7313.3	8198.2	9114.3	10081.4	11066.1	12062.7
12.5°	3600.7	4267.1	4990.7	5774.1	6609.4	7489.4	8398.4	9346.6	10339.8	11352.0	12377.6
10°	3661.6	4339.2	5078.9	5879.6	6733.8	7635.1	8563.1	9538.1	10561.0	11595.3	12642.4
7.5°	3713.4	4399.4	5148.8	5961.0	6829.7	7749.1	8691.4	9687.5	10737.3	11785.0	12855.1
5°	3751.1	4448.0	5213.1	6029.1	6913.1	7838.2	8788.6	9794.0	10866.2	11920.1	13009.3
2.5°	3773.8	4479.6	5256.8	6073.3	6978.6	7904.9	8875.0	9888.0	10960.6	12027.3	13125.3
0°	3781.4	4493.8	5279.3	6092.2	7014.8	7937.3	8923.7	9937.6	11006.2	12093.2	13198.3
-2.5°	3773.8	4479.6	5256.8	6073.3	6978.6	7904.9	8875.0	9888.0	10960.6	12027.3	13125.3
-5°	3751.1	4448.0	5213.1	6029.1	6913.1	7838.2	8788.6	9794.0	10866.2	11920.1	13009.3
-7.5°	3713.4	4399.4	5148.8	5961.0	6829.7	7749.1	8691.4	9687.5	10737.3	11785.0	12855.1
-10°	3661.6	4339.2	5078.9	5879.6	6733.8	7635.1	8563.1	9538.1	10561.0	11595.3	12642.4
-12.5°	3600.7	4267.1	4990.7	5774.1	6609.4	7489.4	8398.4	9346.6	10339.8	11352.0	12377.6
-15°	3525.8	4178.6	4881.6	5645.1	6457.0	7313.3	8198.2	9114.3	10081.4	11066.1	12062.7
-17.5°	3437.2	4074.1	4752.2	5493.2	6277.5	7107.8	7965.3	8856.1	9798.9	10744.5	11703.2
-20°	3335.4	3954.0	4602.7	5319.2	6074.3	6881.8	7714.5	8576.9	9479.5	10391.7	11296.5



REPORT NUMBER: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-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°	3220.8	3818.9	4442.1	5133.1	5861.5	6634.6	7436.0	8259.6	9119.9	10008.4	10849.6
-25°	3101.7	3677.0	4277.1	4927.8	5623.9	6360.0	7129.6	7909.5	8732.9	9560.2	10373.0
-27.5°	2979.5	3522.6	4098.9	4704.9	5361.6	6064.3	6803.0	7550.4	8301.2	9074.4	9852.8
-30°	2846.8	3359.5	3906.9	4473.2	5095.7	5757.0	6452.6	7150.3	7846.6	8573.8	9303.6
-32.5°	2706.4	3187.7	3711.5	4249.1	4818.2	5425.1	6072.3	6731.0	7389.2	8050.1	8734.9
-35°	2566.3	3023.8	3509.8	4012.1	4528.5	5094.5	5685.4	6293.2	6911.3	7530.1	8155.8
-37.5°	2430.1	2850.0	3298.6	3771.8	4258.8	4756.4	5284.9	5854.4	6424.8	6997.0	7578.6
-40°	2284.8	2666.6	3093.5	3533.1	3967.0	4419.8	4906.6	5408.3	5934.2	6466.0	6993.4
-42.5°	2133.5	2496.9	2884.1	3283.1	3683.0	4091.5	4517.4	4980.6	5445.4	5929.0	6414.7
-45°	1997.0	2318.5	2669.6	3039.2	3398.7	3764.3	4151.6	4548.1	4973.5	5392.8	5834.8
-47.5°	1853.0	2138.9	2464.8	2791.6	3124.1	3454.3	3785.5	4144.2	4507.0	4888.3	5255.6
-50°	1710.6	1972.7	2248.6	2553.2	2857.5	3154.2	3451.5	3748.3	4067.7	4396.4	4728.5
-52.5°	1588.8	1799.0	2050.7	2312.7	2594.4	2871.3	3130.6	3388.3	3654.8	3922.9	4216.0
-55°	1462.6	1650.7	1851.9	2085.9	2329.7	2587.7	2823.7	3050.0	3270.5	3507.4	3732.5
-57.5°	1347.9	1504.0	1673.0	1863.8	2080.1	2298.2	2517.4	2720.1	2920.2	3115.4	3302.3
-60°	1239.4	1363.5	1504.4	1663.3	1834.4	2028.6	2214.9	2403.4	2580.2	2740.4	2905.6
-62.5°	1128.0	1230.5	1341.9	1471.5	1618.0	1764.1	1927.8	2093.5	2254.6	2396.1	2526.8
-65°	1007.1	1092.3	1183.9	1288.0	1402.9	1526.2	1654.6	1786.9	1930.2	2050.2	2159.6
-67.5°	880.4	953.1	1026.4	1103.0	1196.0	1293.2	1389.3	1499.7	1612.6	1712.5	1802.0
-70°	734.7	810.0	872.2	933.0	995.1	1067.7	1149.0	1229.0	1311.4	1401.4	1488.1
-72.5°	585.7	654.2	713.6	764.1	809.7	858.1	912.3	971.7	1045.6	1127.1	1201.4
-75°	446.1	499.9	553.2	599.7	632.1	656.2	678.7	714.8	784.8	866.5	937.5
-77.5°	313.9	362.8	405.4	441.6	461.1	478.4	492.4	503.1	556.6	626.6	696.0
-80°	197.9	226.9	265.4	299.6	314.5	322.2	325.7	325.1	366.7	422.0	480.3
-82.5°	111.1	134.0	155.9	176.6	182.0	182.2	180.4	181.0	213.8	251.5	290.1
-85°	35.7	41.0	56.9	72.3	79.7	84.3	86.3	86.0	100.0	116.2	133.8
-87.5°	17.9	20.5	23.3	26.2	26.4	26.4	26.2	25.8	26.9	28.0	29.0
-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: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	29.9	30.8	31.6	32.4	33.1	33.7	34.3	34.8	35.3	33.4	31.5
85°	152.6	163.4	173.4	183.0	192.2	200.9	209.1	216.7	223.7	204.4	182.9
82.5°	329.5	355.9	381.0	406.1	430.8	437.2	439.1	438.2	434.8	400.7	363.0
80°	537.8	582.6	624.8	666.7	708.0	712.7	708.0	699.4	687.4	642.7	592.1
77.5°	765.3	821.6	871.0	916.2	957.3	965.1	964.0	961.9	958.5	912.9	857.7
75°	998.4	1053.5	1106.7	1151.9	1189.7	1207.0	1215.5	1221.4	1224.8	1192.0	1149.1
72.5°	1268.7	1326.1	1373.0	1416.9	1454.0	1480.9	1500.2	1514.8	1524.7	1514.8	1497.3
70°	1562.0	1623.5	1675.3	1724.9	1775.3	1815.7	1846.1	1868.3	1882.3	1891.5	1898.0
67.5°	1892.2	1974.8	2046.9	2108.4	2169.4	2226.5	2273.4	2311.8	2341.4	2366.6	2385.9
65°	2264.3	2369.9	2463.5	2549.5	2628.2	2711.1	2779.1	2836.2	2882.1	2920.1	2950.5
62.5°	2655.5	2785.0	2905.1	3021.7	3136.0	3248.5	3334.9	3413.6	3483.5	3543.6	3591.5
60°	3062.0	3209.1	3370.4	3524.3	3666.0	3795.5	3924.0	4035.4	4130.7	4209.7	4273.5
57.5°	3499.0	3689.4	3877.9	4069.2	4249.8	4418.9	4577.2	4716.8	4834.8	4931.6	5012.9
55°	3971.0	4209.2	4427.9	4669.1	4902.1	5114.3	5301.1	5465.3	5607.3	5726.3	5827.2
52.5°	4490.0	4779.3	5063.4	5337.9	5602.5	5848.6	6072.3	6263.5	6433.6	6579.4	6695.7
50°	5057.8	5388.9	5718.2	6023.5	6327.5	6611.2	6867.6	7089.5	7287.3	7458.7	7593.5
47.5°	5651.8	6028.7	6396.3	6745.8	7082.3	7397.6	7675.2	7928.1	8174.8	8376.1	8535.2
45°	6268.5	6691.3	7096.9	7496.4	7866.9	8220.3	8562.8	8877.7	9131.0	9352.7	9538.9
42.5°	6892.7	7364.3	7818.5	8254.4	8661.8	9070.5	9455.7	9800.0	10088.8	10340.9	10552.5
40°	7525.0	8041.3	8541.7	9017.0	9482.8	9928.3	10345.1	10708.2	11033.8	11333.2	11582.6
37.5°	8154.1	8722.2	9276.6	9809.0	10321.8	10804.6	11254.8	11665.1	12032.6	12373.6	12650.6
35°	8786.1	9409.3	10016.2	10602.1	11162.3	11695.0	12187.9	12654.8	13087.9	13433.3	13716.6
32.5°	9415.5	10085.5	10746.1	11391.1	12004.2	12578.5	13112.6	13628.5	14074.0	14453.6	14779.4
30°	10024.6	10750.5	11469.8	12169.1	12831.5	13453.7	14045.2	14590.6	15069.8	15485.0	15850.4
27.5°	10622.4	11402.2	12173.9	12921.1	13637.1	14313.3	14958.8	15550.3	16073.2	16524.5	16909.8
25°	11187.3	12025.5	12848.0	13640.2	14405.1	15151.1	15848.0	16493.5	17052.0	17547.4	17943.3
22.5°	11727.1	12620.9	13485.2	14318.5	15136.8	15940.8	16703.7	17377.8	17969.6	18487.6	18925.7
20°	12229.9	13187.6	14072.0	14953.4	15815.2	16673.7	17492.8	18204.0	18830.3	19381.7	19864.6
17.5°	12699.9	13682.4	14613.5	15551.9	16460.2	17360.8	18193.0	18955.3	19631.0	20216.5	20722.3
15°	13097.8	14090.0	15107.0	16108.8	17066.7	17978.6	18810.0	19606.2	20356.5	20989.7	21502.6
12.5°	13420.0	14451.8	15512.8	16576.3	17589.3	18500.0	19370.5	20178.2	20966.2	21677.5	22149.0
10°	13694.6	14757.1	15852.4	16937.0	17963.5	18927.2	19873.5	20727.5	21501.9	22138.8	22665.3
7.5°	13932.0	15026.5	16138.9	17225.3	18248.4	19244.1	20218.3	21125.3	21907.0	22507.1	22976.7
5°	14107.1	15227.6	16361.4	17457.8	18495.3	19494.1	20472.8	21368.4	22131.5	22742.1	23254.2
2.5°	14232.4	15363.4	16505.3	17603.3	18663.8	19665.1	20668.2	21573.9	22312.9	22872.3	23362.7
0°	14312.7	15445.3	16596.1	17719.6	18760.8	19729.0	20806.8	21656.2	22423.5	22980.7	23492.1
-2.5°	14232.4	15363.4	16505.3	17603.3	18663.8	19665.1	20668.2	21573.9	22312.9	22872.3	23362.7
-5°	14107.1	15227.6	16361.4	17457.8	18495.3	19494.1	20472.8	21368.4	22131.5	22742.1	23254.2
-7.5°	13932.0	15026.5	16138.9	17225.3	18248.4	19244.1	20218.3	21125.3	21907.0	22507.1	22976.7
-10°	13694.6	14757.1	15852.4	16937.0	17963.5	18927.2	19873.5	20727.5	21501.9	22138.8	22665.3
-12.5°	13420.0	14451.8	15512.8	16576.3	17589.3	18500.0	19370.5	20178.2	20966.2	21677.5	22149.0
-15°	13097.8	14090.0	15107.0	16108.8	17066.7	17978.6	18810.0	19606.2	20356.5	20989.7	21502.6
-17.5°	12699.9	13682.4	14613.5	15551.9	16460.2	17360.8	18193.0	18955.3	19631.0	20216.5	20722.3
-20°	12229.9	13187.6	14072.0	14953.4	15815.2	16673.7	17492.8	18204.0	18830.3	19381.7	19864.6



REPORT NUMBER: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11727.1	12620.9	13485.2	14318.5	15136.8	15940.8	16703.7	17377.8	17969.6	18487.6	18925.7
-25°	11187.3	12025.5	12848.0	13640.2	14405.1	15151.1	15848.0	16493.5	17052.0	17547.4	17943.3
-27.5°	10622.4	11402.2	12173.9	12921.1	13637.1	14313.3	14958.8	15550.3	16073.2	16524.5	16909.8
-30°	10024.6	10750.5	11469.8	12169.1	12831.5	13453.7	14045.2	14590.6	15069.8	15485.0	15850.4
-32.5°	9415.5	10085.5	10746.1	11391.1	12004.2	12578.5	13112.6	13628.5	14074.0	14453.6	14779.4
-35°	8786.1	9409.3	10016.2	10602.1	11162.3	11695.0	12187.9	12654.8	13087.9	13433.3	13716.6
-37.5°	8154.1	8722.2	9276.6	9809.0	10321.8	10804.6	11254.8	11665.1	12032.6	12373.6	12650.6
-40°	7525.0	8041.3	8541.7	9017.0	9482.8	9928.3	10345.1	10708.2	11033.8	11333.2	11582.6
-42.5°	6892.7	7364.3	7818.5	8254.4	8661.8	9070.5	9455.7	9800.0	10088.8	10340.9	10552.5
-45°	6268.5	6691.3	7096.9	7496.4	7866.9	8220.3	8562.8	8877.7	9131.0	9352.7	9538.9
-47.5°	5651.8	6028.7	6396.3	6745.8	7082.3	7397.6	7675.2	7928.1	8174.8	8376.1	8535.2
-50°	5057.8	5388.9	5718.2	6023.5	6327.5	6611.2	6867.6	7089.5	7287.3	7458.7	7593.5
-52.5°	4490.0	4779.3	5063.4	5337.9	5602.5	5848.6	6072.3	6263.5	6433.6	6579.4	6695.7
-55°	3971.0	4209.2	4427.9	4669.1	4902.1	5114.3	5301.1	5465.3	5607.3	5726.3	5827.2
-57.5°	3499.0	3689.4	3877.9	4069.2	4249.8	4418.9	4577.2	4716.8	4834.8	4931.6	5012.9
-60°	3062.0	3209.1	3370.4	3524.3	3666.0	3795.5	3924.0	4035.4	4130.7	4209.7	4273.5
-62.5°	2655.5	2785.0	2905.1	3021.7	3136.0	3248.5	3334.9	3413.6	3483.5	3543.6	3591.5
-65°	2264.3	2369.9	2463.5	2549.5	2628.2	2711.1	2779.1	2836.2	2882.1	2920.1	2950.5
-67.5°	1892.2	1974.8	2046.9	2108.4	2169.4	2226.5	2273.4	2311.8	2341.4	2366.6	2385.9
-70°	1562.0	1623.5	1675.3	1724.9	1775.3	1815.7	1846.1	1868.3	1882.3	1891.5	1898.0
-72.5°	1268.7	1326.1	1373.0	1416.9	1454.0	1480.9	1500.2	1514.8	1524.7	1514.8	1497.3
-75°	998.4	1053.5	1106.7	1151.9	1189.7	1207.0	1215.5	1221.4	1224.8	1192.0	1149.1
-77.5°	765.3	821.6	871.0	916.2	957.3	965.1	964.0	961.9	958.5	912.9	857.7
-80°	537.8	582.6	624.8	666.7	708.0	712.7	708.0	699.4	687.4	642.7	592.1
-82.5°	329.5	355.9	381.0	406.1	430.8	437.2	439.1	438.2	434.8	400.7	363.0
-85°	152.6	163.4	173.4	183.0	192.2	200.9	209.1	216.7	223.7	204.4	182.9
-87.5°	29.9	30.8	31.6	32.4	33.1	33.7	34.3	34.8	35.3	33.4	31.5
-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: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-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°	29.4	27.3	27.4	27.4	27.4	27.3	29.4	31.5	33.4	35.3	34.8
85°	160.1	136.4	127.7	118.7	127.7	136.4	160.1	182.9	204.4	223.7	216.7
82.5°	323.4	282.2	269.1	255.7	269.1	282.2	323.4	363.0	400.7	434.8	438.2
80°	538.7	482.8	460.9	438.4	460.9	482.8	538.7	592.1	642.7	687.4	699.4
77.5°	799.4	738.0	711.8	685.0	711.8	738.0	799.4	857.7	912.9	958.5	961.9
75°	1103.9	1055.9	1026.8	995.6	1026.8	1055.9	1103.9	1149.1	1192.0	1224.8	1221.4
72.5°	1477.2	1453.7	1432.5	1406.6	1432.5	1453.7	1477.2	1497.3	1514.8	1524.7	1514.8
70°	1900.2	1897.2	1901.0	1899.8	1901.0	1897.2	1900.2	1898.0	1891.5	1882.3	1868.3
67.5°	2395.9	2396.5	2406.7	2411.3	2406.7	2396.5	2395.9	2385.9	2366.6	2341.4	2311.8
65°	2969.3	2976.4	2973.8	2959.4	2973.8	2976.4	2969.3	2950.5	2920.1	2882.1	2836.2
62.5°	3625.5	3645.2	3656.0	3653.5	3656.0	3645.2	3625.5	3591.5	3543.6	3483.5	3413.6
60°	4321.1	4351.9	4367.5	4366.0	4367.5	4351.9	4321.1	4273.5	4209.7	4130.7	4035.4
57.5°	5073.5	5113.1	5122.4	5105.8	5122.4	5113.1	5073.5	5012.9	4931.6	4834.8	4716.8
55°	5903.4	5954.1	5973.6	5964.4	5973.6	5954.1	5903.4	5827.2	5726.3	5607.3	5465.3
52.5°	6781.0	6835.8	6855.2	6841.2	6855.2	6835.8	6781.0	6695.7	6579.4	6433.6	6263.5
50°	7692.4	7758.8	7785.6	7772.9	7785.6	7758.8	7692.4	7593.5	7458.7	7287.3	7089.5
47.5°	8660.0	8748.4	8782.7	8759.3	8782.7	8748.4	8660.0	8535.2	8376.1	8174.8	7928.1
45°	9678.0	9769.6	9805.2	9782.3	9805.2	9769.6	9678.0	9538.9	9352.7	9131.0	8877.7
42.5°	10714.3	10833.4	10883.7	10841.8	10883.7	10833.4	10714.3	10552.5	10340.9	10088.8	9800.0
40°	11768.8	11898.0	11957.6	11928.7	11957.6	11898.0	11768.8	11582.6	11333.2	11033.8	10708.2
37.5°	12850.5	12979.1	13042.2	13043.1	13042.2	12979.1	12850.5	12650.6	12373.6	12032.6	11665.1
35°	13936.1	14091.8	14179.9	14175.7	14179.9	14091.8	13936.1	13716.6	13433.3	13087.9	12654.8
32.5°	15037.0	15205.5	15295.6	15308.3	15295.6	15205.5	15037.0	14779.4	14453.6	14074.0	13628.5
30°	16135.9	16321.3	16425.5	16468.2	16425.5	16321.3	16135.9	15850.4	15485.0	15069.8	14590.6
27.5°	17201.7	17429.8	17587.2	17600.8	17587.2	17429.8	17201.7	16909.8	16524.5	16073.2	15550.3
25°	18233.8	18466.1	18627.5	18660.4	18627.5	18466.1	18233.8	17943.3	17547.4	17052.0	16493.5
22.5°	19251.2	19493.9	19643.0	19701.6	19643.0	19493.9	19251.2	18925.7	18487.6	17969.6	17377.8
20°	20222.4	20485.4	20643.4	20706.3	20643.4	20485.4	20222.4	19864.6	19381.7	18830.3	18204.0
17.5°	21100.9	21378.9	21574.0	21628.8	21574.0	21378.9	21100.9	20722.3	20216.5	19631.0	18955.3
15°	21874.2	22137.8	22323.0	22396.1	22323.0	22137.8	21874.2	21502.6	20989.7	20356.5	19606.2
12.5°	22503.5	22739.3	22884.3	22953.2	22884.3	22739.3	22503.5	22149.0	21677.5	20966.2	20178.2
10°	22995.2	23231.7	23370.2	23464.7	23370.2	23231.7	22995.2	22665.3	22138.8	21501.9	20727.5
7.5°	23421.8	23664.3	23833.8	23967.1	23833.8	23664.3	23421.8	22976.7	22507.1	21907.0	21125.3
5°	23657.4	24062.2	24123.1	24213.7	24123.1	24062.2	23657.4	23254.2	22742.1	22131.5	21368.4
2.5°	23837.1	24124.1	24296.7	24277.7	24296.7	24124.1	23837.1	23362.7	22872.3	22312.9	21573.9
0°	23967.1	24222.8	24286.8	24369.0	24286.8	24222.8	23967.1	23492.1	22980.7	22423.5	21656.2
-2.5°	23837.1	24124.1	24296.7	24277.7	24296.7	24124.1	23837.1	23362.7	22872.3	22312.9	21573.9
-5°	23657.4	24062.2	24123.1	24213.7	24123.1	24062.2	23657.4	23254.2	22742.1	22131.5	21368.4
-7.5°	23421.8	23664.3	23833.8	23967.1	23833.8	23664.3	23421.8	22976.7	22507.1	21907.0	21125.3
-10°	22995.2	23231.7	23370.2	23464.7	23370.2	23231.7	22995.2	22665.3	22138.8	21501.9	20727.5
-12.5°	22503.5	22739.3	22884.3	22953.2	22884.3	22739.3	22503.5	22149.0	21677.5	20966.2	20178.2
-15°	21874.2	22137.8	22323.0	22396.1	22323.0	22137.8	21874.2	21502.6	20989.7	20356.5	19606.2
-17.5°	21100.9	21378.9	21574.0	21628.8	21574.0	21378.9	21100.9	20722.3	20216.5	19631.0	18955.3
-20°	20222.4	20485.4	20643.4	20706.3	20643.4	20485.4	20222.4	19864.6	19381.7	18830.3	18204.0



REPORT NUMBER: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-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°	19251.2	19493.9	19643.0	19701.6	19643.0	19493.9	19251.2	18925.7	18487.6	17969.6	17377.8
-25°	18233.8	18466.1	18627.5	18660.4	18627.5	18466.1	18233.8	17943.3	17547.4	17052.0	16493.5
-27.5°	17201.7	17429.8	17587.2	17600.8	17587.2	17429.8	17201.7	16909.8	16524.5	16073.2	15550.3
-30°	16135.9	16321.3	16425.5	16468.2	16425.5	16321.3	16135.9	15850.4	15485.0	15069.8	14590.6
-32.5°	15037.0	15205.5	15295.6	15308.3	15295.6	15205.5	15037.0	14779.4	14453.6	14074.0	13628.5
-35°	13936.1	14091.8	14179.9	14175.7	14179.9	14091.8	13936.1	13716.6	13433.3	13087.9	12654.8
-37.5°	12850.5	12979.1	13042.2	13043.1	13042.2	12979.1	12850.5	12650.6	12373.6	12032.6	11665.1
-40°	11768.8	11898.0	11957.6	11928.7	11957.6	11898.0	11768.8	11582.6	11333.2	11033.8	10708.2
-42.5°	10714.3	10833.4	10883.7	10841.8	10883.7	10833.4	10714.3	10552.5	10340.9	10088.8	9800.0
-45°	9678.0	9769.6	9805.2	9782.3	9805.2	9769.6	9678.0	9538.9	9352.7	9131.0	8877.7
-47.5°	8660.0	8748.4	8782.7	8759.3	8782.7	8748.4	8660.0	8535.2	8376.1	8174.8	7928.1
-50°	7692.4	7758.8	7785.6	7772.9	7785.6	7758.8	7692.4	7593.5	7458.7	7287.3	7089.5
-52.5°	6781.0	6835.8	6855.2	6841.2	6855.2	6835.8	6781.0	6695.7	6579.4	6433.6	6263.5
-55°	5903.4	5954.1	5973.6	5964.4	5973.6	5954.1	5903.4	5827.2	5726.3	5607.3	5465.3
-57.5°	5073.5	5113.1	5122.4	5105.8	5122.4	5113.1	5073.5	5012.9	4931.6	4834.8	4716.8
-60°	4321.1	4351.9	4367.5	4366.0	4367.5	4351.9	4321.1	4273.5	4209.7	4130.7	4035.4
-62.5°	3625.5	3645.2	3656.0	3653.5	3656.0	3645.2	3625.5	3591.5	3543.6	3483.5	3413.6
-65°	2969.3	2976.4	2973.8	2959.4	2973.8	2976.4	2969.3	2950.5	2920.1	2882.1	2836.2
-67.5°	2395.9	2396.5	2406.7	2411.3	2406.7	2396.5	2395.9	2385.9	2366.6	2341.4	2311.8
-70°	1900.2	1897.2	1901.0	1899.8	1901.0	1897.2	1900.2	1898.0	1891.5	1882.3	1868.3
-72.5°	1477.2	1453.7	1432.5	1406.6	1432.5	1453.7	1477.2	1497.3	1514.8	1524.7	1514.8
-75°	1103.9	1055.9	1026.8	995.6	1026.8	1055.9	1103.9	1149.1	1192.0	1224.8	1221.4
-77.5°	799.4	738.0	711.8	685.0	711.8	738.0	799.4	857.7	912.9	958.5	961.9
-80°	538.7	482.8	460.9	438.4	460.9	482.8	538.7	592.1	642.7	687.4	699.4
-82.5°	323.4	282.2	269.1	255.7	269.1	282.2	323.4	363.0	400.7	434.8	438.2
-85°	160.1	136.4	127.7	118.7	127.7	136.4	160.1	182.9	204.4	223.7	216.7
-87.5°	29.4	27.3	27.4	27.4	27.4	27.3	29.4	31.5	33.4	35.3	34.8
-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: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

Table with 12 columns representing beam angles from 20° to 45° and 24 rows representing beam angles from 90° to -20°. Each cell contains a numerical value representing candela distribution.

Classified

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

Scaled Data Report



REPORT NUMBER: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16703.7	15940.8	15136.8	14318.5	13485.2	12620.9	11727.1	10849.6	10008.4	9119.9	8259.6
-25°	15848.0	15151.1	14405.1	13640.2	12848.0	12025.5	11187.3	10373.0	9560.2	8732.9	7909.5
-27.5°	14958.8	14313.3	13637.1	12921.1	12173.9	11402.2	10622.4	9852.8	9074.4	8301.2	7550.4
-30°	14045.2	13453.7	12831.5	12169.1	11469.8	10750.5	10024.6	9303.6	8573.8	7846.6	7150.3
-32.5°	13112.6	12578.5	12004.2	11391.1	10746.1	10085.5	9415.5	8734.9	8050.1	7389.2	6731.0
-35°	12187.9	11695.0	11162.3	10602.1	10016.2	9409.3	8786.1	8155.8	7530.1	6911.3	6293.2
-37.5°	11254.8	10804.6	10321.8	9809.0	9276.6	8722.2	8154.1	7578.6	6997.0	6424.8	5854.4
-40°	10345.1	9928.3	9482.8	9017.0	8541.7	8041.3	7525.0	6993.4	6466.0	5934.2	5408.3
-42.5°	9455.7	9070.5	8661.8	8254.4	7818.5	7364.3	6892.7	6414.7	5929.0	5445.4	4980.6
-45°	8562.8	8220.3	7866.9	7496.4	7096.9	6691.3	6268.5	5834.8	5392.8	4973.5	4548.1
-47.5°	7675.2	7397.6	7082.3	6745.8	6396.3	6028.7	5651.8	5255.6	4888.3	4507.0	4144.2
-50°	6867.6	6611.2	6327.5	6023.5	5718.2	5388.9	5057.8	4728.5	4396.4	4067.7	3748.3
-52.5°	6072.3	5848.6	5602.5	5337.9	5063.4	4779.3	4490.0	4216.0	3922.9	3654.8	3388.3
-55°	5301.1	5114.3	4902.1	4669.1	4427.9	4209.2	3971.0	3732.5	3507.4	3270.5	3050.0
-57.5°	4577.2	4418.9	4249.8	4069.2	3877.9	3689.4	3499.0	3302.3	3115.4	2920.2	2720.1
-60°	3924.0	3795.5	3666.0	3524.3	3370.4	3209.1	3062.0	2905.6	2740.4	2580.2	2403.4
-62.5°	3334.9	3248.5	3136.0	3021.7	2905.1	2785.0	2655.5	2526.8	2396.1	2254.6	2093.5
-65°	2779.1	2711.1	2628.2	2549.5	2463.5	2369.9	2264.3	2159.6	2050.2	1930.2	1786.9
-67.5°	2273.4	2226.5	2169.4	2108.4	2046.9	1974.8	1892.2	1802.0	1712.5	1612.6	1499.7
-70°	1846.1	1815.7	1775.3	1724.9	1675.3	1623.5	1562.0	1488.1	1401.4	1311.4	1229.0
-72.5°	1500.2	1480.9	1454.0	1416.9	1373.0	1326.1	1268.7	1201.4	1127.1	1045.6	971.7
-75°	1215.5	1207.0	1189.7	1151.9	1106.7	1053.5	998.4	937.5	866.5	784.8	714.8
-77.5°	964.0	965.1	957.3	916.2	871.0	821.6	765.3	696.0	626.6	556.6	503.1
-80°	708.0	712.7	708.0	666.7	624.8	582.6	537.8	480.3	422.0	366.7	325.1
-82.5°	439.1	437.2	430.8	406.1	381.0	355.9	329.5	290.1	251.5	213.8	181.0
-85°	209.1	200.9	192.2	183.0	173.4	163.4	152.6	133.8	116.2	100.0	86.0
-87.5°	34.3	33.7	33.1	32.4	31.6	30.8	29.9	29.0	28.0	26.9	25.8
-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: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	26.2	26.4	26.4	26.2	23.3	20.5	17.9	15.4	14.0	12.5	11.0
85°	86.3	84.3	79.7	72.3	56.9	41.0	35.7	30.8	27.9	24.9	21.9
82.5°	180.4	182.2	182.0	176.6	155.9	134.0	111.1	87.3	64.7	41.1	32.8
80°	325.7	322.2	314.5	299.6	265.4	226.9	197.9	167.8	138.4	107.7	75.7
77.5°	492.4	478.4	461.1	441.6	405.4	362.8	313.9	258.5	211.7	173.9	134.6
75°	678.7	656.2	632.1	599.7	553.2	499.9	446.1	381.6	309.8	242.1	193.0
72.5°	912.3	858.1	809.7	764.1	713.6	654.2	585.7	502.4	415.2	332.9	255.7
70°	1149.0	1067.7	995.1	933.0	872.2	810.0	734.7	632.1	518.8	421.8	331.0
67.5°	1389.3	1293.2	1196.0	1103.0	1026.4	953.1	880.4	761.2	631.3	508.8	404.5
65°	1654.6	1526.2	1402.9	1288.0	1183.9	1092.3	1007.1	882.0	740.4	602.7	476.0
62.5°	1927.8	1764.1	1618.0	1471.5	1341.9	1230.5	1128.0	990.0	844.7	693.6	550.7
60°	2214.9	2028.6	1834.4	1663.3	1504.4	1363.5	1239.4	1096.6	942.4	781.0	624.9
57.5°	2517.4	2298.2	2080.1	1863.8	1673.0	1504.0	1347.9	1197.6	1038.3	867.1	694.0
55°	2823.7	2587.7	2329.7	2085.9	1851.9	1650.7	1462.6	1294.5	1130.9	951.8	753.7
52.5°	3130.6	2871.3	2594.4	2312.7	2050.7	1799.0	1588.8	1389.0	1216.2	1034.6	815.7
50°	3451.5	3154.2	2857.5	2553.2	2248.6	1972.7	1710.6	1497.2	1299.0	1113.2	874.7
47.5°	3785.5	3454.3	3124.1	2791.6	2464.8	2138.9	1853.0	1603.3	1379.1	1184.4	929.5
45°	4151.6	3764.3	3398.7	3039.2	2669.6	2318.5	1997.0	1704.8	1469.7	1239.8	980.0
42.5°	4517.4	4091.5	3683.0	3283.1	2884.1	2496.9	2133.5	1824.2	1556.5	1292.8	1026.4
40°	4906.6	4419.8	3967.0	3533.1	3093.5	2666.6	2284.8	1940.7	1637.7	1347.9	1070.5
37.5°	5284.9	4756.4	4258.8	3771.8	3298.6	2850.0	2430.1	2049.8	1714.8	1409.8	1112.2
35°	5685.4	5094.5	4528.5	4012.1	3509.8	3023.8	2566.3	2159.9	1803.6	1470.0	1151.5
32.5°	6072.3	5425.1	4818.2	4249.1	3711.5	3187.7	2706.4	2276.4	1888.9	1528.5	1188.3
30°	6452.6	5757.0	5095.7	4473.2	3906.9	3359.5	2846.8	2385.3	1970.5	1585.0	1225.1
27.5°	6803.0	6064.3	5361.6	4704.9	4098.9	3522.6	2979.5	2486.3	2047.9	1643.0	1267.8
25°	7129.6	6360.0	5623.9	4927.8	4277.1	3677.0	3101.7	2579.8	2126.7	1703.7	1307.5
22.5°	7436.0	6634.6	5861.5	5133.1	4442.1	3818.9	3220.8	2679.4	2201.2	1759.4	1343.8
20°	7714.5	6881.8	6074.3	5319.2	4602.7	3954.0	3335.4	2768.6	2267.9	1810.0	1376.5
17.5°	7965.3	7107.8	6277.5	5493.2	4752.2	4074.1	3437.2	2847.3	2326.4	1855.1	1405.3
15°	8198.2	7313.3	6457.0	5645.1	4881.6	4178.6	3525.8	2915.2	2376.6	1894.3	1432.8
12.5°	8398.4	7489.4	6609.4	5774.1	4990.7	4267.1	3600.7	2972.0	2418.2	1929.8	1458.6
10°	8563.1	7635.1	6733.8	5879.6	5078.9	4339.2	3661.6	3019.9	2457.3	1960.4	1478.5
7.5°	8691.4	7749.1	6829.7	5961.0	5148.8	4399.4	3713.4	3061.2	2488.8	1983.9	1492.3
5°	8788.6	7838.2	6913.1	6029.1	5213.1	4448.0	3751.1	3090.8	2511.6	2000.1	1500.2
2.5°	8875.0	7904.9	6978.6	6073.3	5256.8	4479.6	3773.8	3108.7	2525.4	2008.7	1502.1
0°	8923.7	7937.3	7014.8	6092.2	5279.3	4493.8	3781.4	3114.6	2530.1	2009.4	1497.9
-2.5°	8875.0	7904.9	6978.6	6073.3	5256.8	4479.6	3773.8	3108.7	2525.4	2008.7	1502.1
-5°	8788.6	7838.2	6913.1	6029.1	5213.1	4448.0	3751.1	3090.8	2511.6	2000.1	1500.2
-7.5°	8691.4	7749.1	6829.7	5961.0	5148.8	4399.4	3713.4	3061.2	2488.8	1983.9	1492.3
-10°	8563.1	7635.1	6733.8	5879.6	5078.9	4339.2	3661.6	3019.9	2457.3	1960.4	1478.5
-12.5°	8398.4	7489.4	6609.4	5774.1	4990.7	4267.1	3600.7	2972.0	2418.2	1929.8	1458.6
-15°	8198.2	7313.3	6457.0	5645.1	4881.6	4178.6	3525.8	2915.2	2376.6	1894.3	1432.8
-17.5°	7965.3	7107.8	6277.5	5493.2	4752.2	4074.1	3437.2	2847.3	2326.4	1855.1	1405.3
-20°	7714.5	6881.8	6074.3	5319.2	4602.7	3954.0	3335.4	2768.6	2267.9	1810.0	1376.5



REPORT NUMBER: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-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°	7436.0	6634.6	5861.5	5133.1	4442.1	3818.9	3220.8	2679.4	2201.2	1759.4	1343.8
-25°	7129.6	6360.0	5623.9	4927.8	4277.1	3677.0	3101.7	2579.8	2126.7	1703.7	1307.5
-27.5°	6803.0	6064.3	5361.6	4704.9	4098.9	3522.6	2979.5	2486.3	2047.9	1643.0	1267.8
-30°	6452.6	5757.0	5095.7	4473.2	3906.9	3359.5	2846.8	2385.3	1970.5	1585.0	1225.1
-32.5°	6072.3	5425.1	4818.2	4249.1	3711.5	3187.7	2706.4	2276.4	1888.9	1528.5	1188.3
-35°	5685.4	5094.5	4528.5	4012.1	3509.8	3023.8	2566.3	2159.9	1803.6	1470.0	1151.5
-37.5°	5284.9	4756.4	4258.8	3771.8	3298.6	2850.0	2430.1	2049.8	1714.8	1409.8	1112.2
-40°	4906.6	4419.8	3967.0	3533.1	3093.5	2666.6	2284.8	1940.7	1637.7	1347.9	1070.5
-42.5°	4517.4	4091.5	3683.0	3283.1	2884.1	2496.9	2133.5	1824.2	1556.5	1292.8	1026.4
-45°	4151.6	3764.3	3398.7	3039.2	2669.6	2318.5	1997.0	1704.8	1469.7	1239.8	980.0
-47.5°	3785.5	3454.3	3124.1	2791.6	2464.8	2138.9	1853.0	1603.3	1379.1	1184.4	929.5
-50°	3451.5	3154.2	2857.5	2553.2	2248.6	1972.7	1710.6	1497.2	1299.0	1113.2	874.7
-52.5°	3130.6	2871.3	2594.4	2312.7	2050.7	1799.0	1588.8	1389.0	1216.2	1034.6	815.7
-55°	2823.7	2587.7	2329.7	2085.9	1851.9	1650.7	1462.6	1294.5	1130.9	951.8	753.7
-57.5°	2517.4	2298.2	2080.1	1863.8	1673.0	1504.0	1347.9	1197.6	1038.3	867.1	694.0
-60°	2214.9	2028.6	1834.4	1663.3	1504.4	1363.5	1239.4	1096.6	942.4	781.0	624.9
-62.5°	1927.8	1764.1	1618.0	1471.5	1341.9	1230.5	1128.0	990.0	844.7	693.6	550.7
-65°	1654.6	1526.2	1402.9	1288.0	1183.9	1092.3	1007.1	882.0	740.4	602.7	476.0
-67.5°	1389.3	1293.2	1196.0	1103.0	1026.4	953.1	880.4	761.2	631.3	508.8	404.5
-70°	1149.0	1067.7	995.1	933.0	872.2	810.0	734.7	632.1	518.8	421.8	331.0
-72.5°	912.3	858.1	809.7	764.1	713.6	654.2	585.7	502.4	415.2	332.9	255.7
-75°	678.7	656.2	632.1	599.7	553.2	499.9	446.1	381.6	309.8	242.1	193.0
-77.5°	492.4	478.4	461.1	441.6	405.4	362.8	313.9	258.5	211.7	173.9	134.6
-80°	325.7	322.2	314.5	299.6	265.4	226.9	197.9	167.8	138.4	107.7	75.7
-82.5°	180.4	182.2	182.0	176.6	155.9	134.0	111.1	87.3	64.7	41.1	32.8
-85°	86.3	84.3	79.7	72.3	56.9	41.0	35.7	30.8	27.9	24.9	21.9
-87.5°	26.2	26.4	26.4	26.2	23.3	20.5	17.9	15.4	14.0	12.5	11.0
-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: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-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°	9.4	7.9	6.3	4.8	3.2	1.4	0.0
85°	18.9	15.8	12.7	9.5	6.3	2.8	0.0
82.5°	28.3	23.6	19.0	14.3	9.5	4.2	0.0
80°	42.5	31.4	25.2	19.0	12.6	5.5	0.0
77.5°	92.7	49.3	31.4	23.6	15.7	6.9	0.0
75°	141.7	85.4	41.0	28.3	18.7	8.2	0.0
72.5°	189.1	120.4	65.3	32.8	21.7	9.5	0.0
70°	236.5	154.1	88.9	39.3	24.6	10.8	0.0
67.5°	293.5	186.5	111.6	53.9	27.4	12.1	0.0
65°	347.9	222.7	133.2	67.9	30.1	13.3	0.0
62.5°	399.5	262.4	153.7	81.3	32.7	14.5	0.0
60°	448.2	299.9	173.0	93.9	35.3	15.7	0.0
57.5°	499.5	335.1	198.6	105.8	42.4	16.8	0.0
55°	548.1	367.9	223.1	116.9	49.3	17.9	0.0
52.5°	593.1	399.0	245.8	127.2	56.0	18.9	0.0
50°	634.3	432.1	266.8	136.5	62.4	19.8	0.0
47.5°	672.9	462.2	285.9	146.3	68.5	20.8	0.0
45°	715.9	489.5	303.1	158.9	74.3	21.6	0.0
42.5°	755.2	513.7	318.3	170.5	79.8	22.5	0.0
40°	790.9	534.8	333.6	182.2	84.9	23.2	0.0
37.5°	822.9	552.9	348.8	193.8	89.7	23.9	0.0
35°	851.1	573.7	361.8	204.6	94.2	24.6	0.0
32.5°	877.2	594.6	372.7	214.6	98.3	25.2	0.0
30°	904.4	612.5	381.4	223.7	102.1	25.7	0.0
27.5°	928.7	627.2	394.4	232.0	105.5	26.2	0.0
25°	950.2	638.9	406.7	239.4	108.6	26.6	0.0
22.5°	968.6	650.7	417.5	245.9	111.2	26.9	0.0
20°	983.7	666.9	426.8	251.6	113.6	27.2	0.0
17.5°	1002.7	680.1	434.6	256.3	115.5	27.4	0.0
15°	1022.4	690.4	440.9	260.2	117.0	27.6	0.0
12.5°	1038.5	697.8	445.7	263.2	118.2	27.7	0.0
10°	1050.7	702.4	449.0	265.3	119.1	27.8	0.0
7.5°	1059.0	704.3	450.8	266.5	119.5	27.8	0.0
5°	1063.3	703.5	451.2	266.8	119.6	27.7	0.0
2.5°	1063.5	700.1	450.1	266.3	119.3	27.6	0.0
0°	1059.5	694.2	447.6	264.9	118.7	27.4	0.0
-2.5°	1063.5	700.1	450.1	266.3	119.3	27.6	0.0
-5°	1063.3	703.5	451.2	266.8	119.6	27.7	0.0
-7.5°	1059.0	704.3	450.8	266.5	119.5	27.8	0.0
-10°	1050.7	702.4	449.0	265.3	119.1	27.8	0.0
-12.5°	1038.5	697.8	445.7	263.2	118.2	27.7	0.0
-15°	1022.4	690.4	440.9	260.2	117.0	27.6	0.0
-17.5°	1002.7	680.1	434.6	256.3	115.5	27.4	0.0
-20°	983.7	666.9	426.8	251.6	113.6	27.2	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	968.6	650.7	417.5	245.9	111.2	26.9	0.0
-25°	950.2	638.9	406.7	239.4	108.6	26.6	0.0
-27.5°	928.7	627.2	394.4	232.0	105.5	26.2	0.0
-30°	904.4	612.5	381.4	223.7	102.1	25.7	0.0
-32.5°	877.2	594.6	372.7	214.6	98.3	25.2	0.0
-35°	851.1	573.7	361.8	204.6	94.2	24.6	0.0
-37.5°	822.9	552.9	348.8	193.8	89.7	23.9	0.0
-40°	790.9	534.8	333.6	182.2	84.9	23.2	0.0
-42.5°	755.2	513.7	318.3	170.5	79.8	22.5	0.0
-45°	715.9	489.5	303.1	158.9	74.3	21.6	0.0
-47.5°	672.9	462.2	285.9	146.3	68.5	20.8	0.0
-50°	634.3	432.1	266.8	136.5	62.4	19.8	0.0
-52.5°	593.1	399.0	245.8	127.2	56.0	18.9	0.0
-55°	548.1	367.9	223.1	116.9	49.3	17.9	0.0
-57.5°	499.5	335.1	198.6	105.8	42.4	16.8	0.0
-60°	448.2	299.9	173.0	93.9	35.3	15.7	0.0
-62.5°	399.5	262.4	153.7	81.3	32.7	14.5	0.0
-65°	347.9	222.7	133.2	67.9	30.1	13.3	0.0
-67.5°	293.5	186.5	111.6	53.9	27.4	12.1	0.0
-70°	236.5	154.1	88.9	39.3	24.6	10.8	0.0
-72.5°	189.1	120.4	65.3	32.8	21.7	9.5	0.0
-75°	141.7	85.4	41.0	28.3	18.7	8.2	0.0
-77.5°	92.7	49.3	31.4	23.6	15.7	6.9	0.0
-80°	42.5	31.4	25.2	19.0	12.6	5.5	0.0
-82.5°	28.3	23.6	19.0	14.3	9.5	4.2	0.0
-85°	18.9	15.8	12.7	9.5	6.3	2.8	0.0
-87.5°	9.4	7.9	6.3	4.8	3.2	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)