

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: P627061 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-750-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627061 (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-SA2E-750-U-VWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N60
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

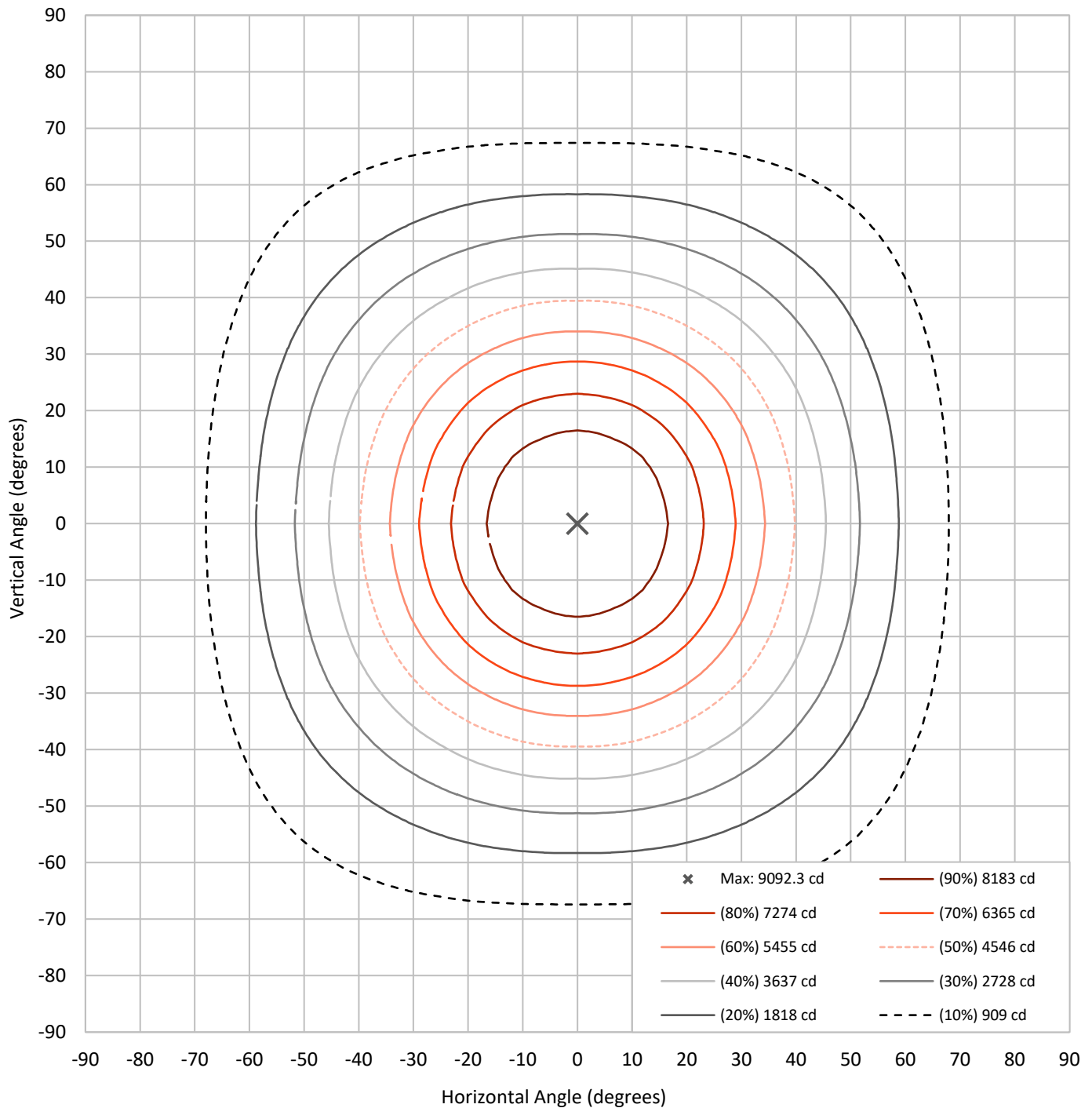
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	16433.6 lumens	Max Intensity:	9092.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.7 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:	9638.4 lumens	Field Lumens:	15666.6 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	125.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





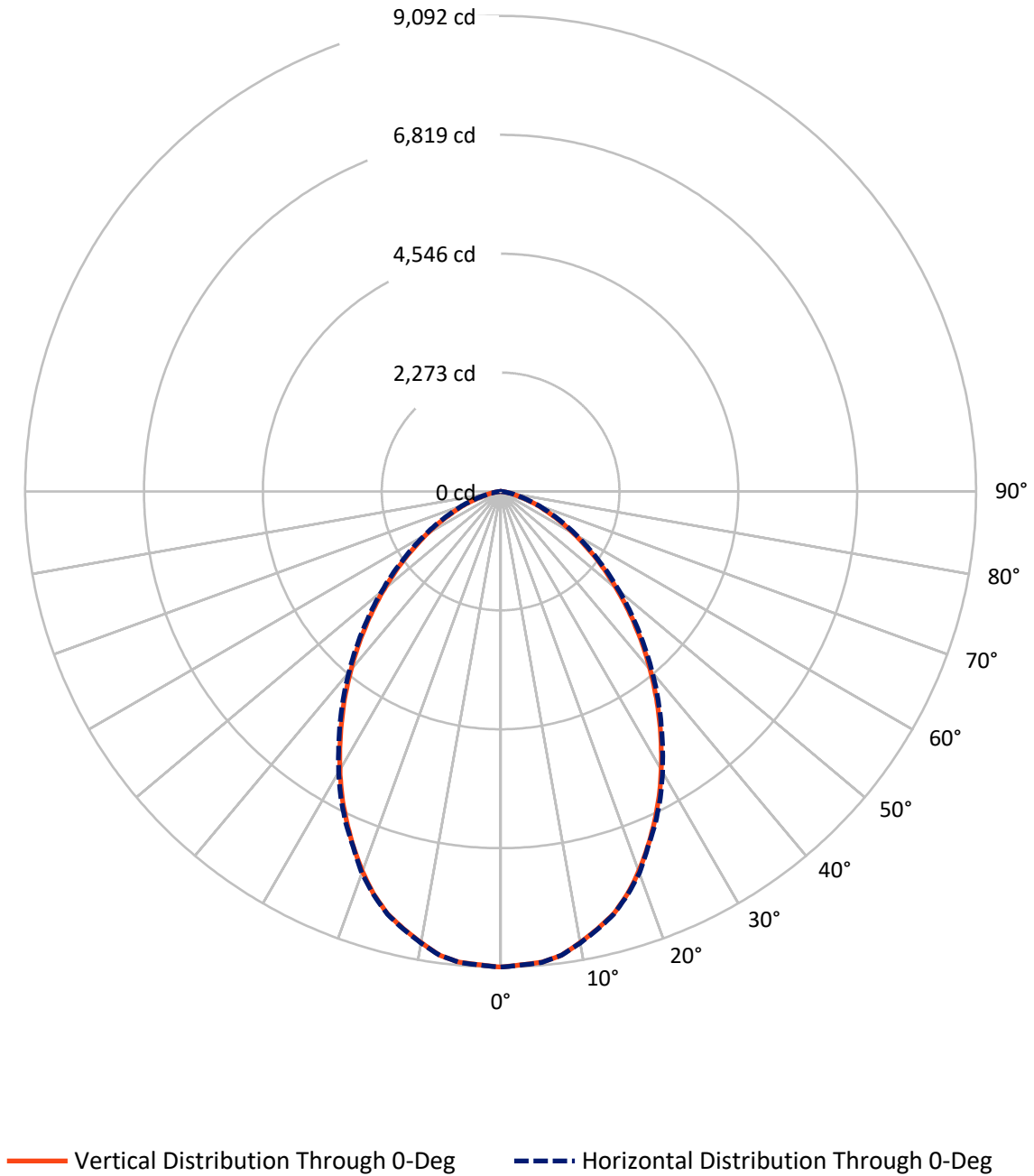
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Lumen Table

90																			
80	0.6	6.7	18.3	31.1	29.3	31.1	18.3	6.7	0.6										
70																			
60	3.0	4.2	8.5	14.5	21.2	27.4	32.0	34.3	34.3	32.0	27.4	21.2	14.5	8.5	4.2	3.0			
50																			
40	5.4	6.3	13.8	24.7	37.3	50.7	61.7	67.5	67.5	61.7	50.7	37.3	24.7	13.8	6.3	5.4			
30																			
20	6.9	8.5	20.0	36.9	58.4	81.0	99.9	110.3	110.3	99.9	81.0	58.4	36.9	20.0	8.5	6.9			
10																			
0	7.5	10.7	26.5	50.8	81.8	114.7	142.8	158.8	158.8	142.8	114.7	81.8	50.8	26.5	10.7	7.5			
-10																			
-20	6.9	12.9	32.6	63.9	104.2	147.9	186.0	207.9	207.9	186.0	147.9	104.2	63.9	32.6	12.9	6.9			
-30																			
-40	5.4	14.5	37.3	73.6	121.6	174.8	221.7	248.3	248.3	221.7	174.8	121.6	73.6	37.3	14.5	5.4			
-50																			
-60	3.0	15.4	39.9	79.2	131.3	189.7	240.9	269.0	269.0	240.9	189.7	131.3	79.2	39.9	15.4	3.0			
-70																			
-80	0.6	15.4	39.9	79.2	131.3	189.7	240.9	269.0	269.0	240.9	189.7	131.3	79.2	39.9	15.4	0.6			
-90																			

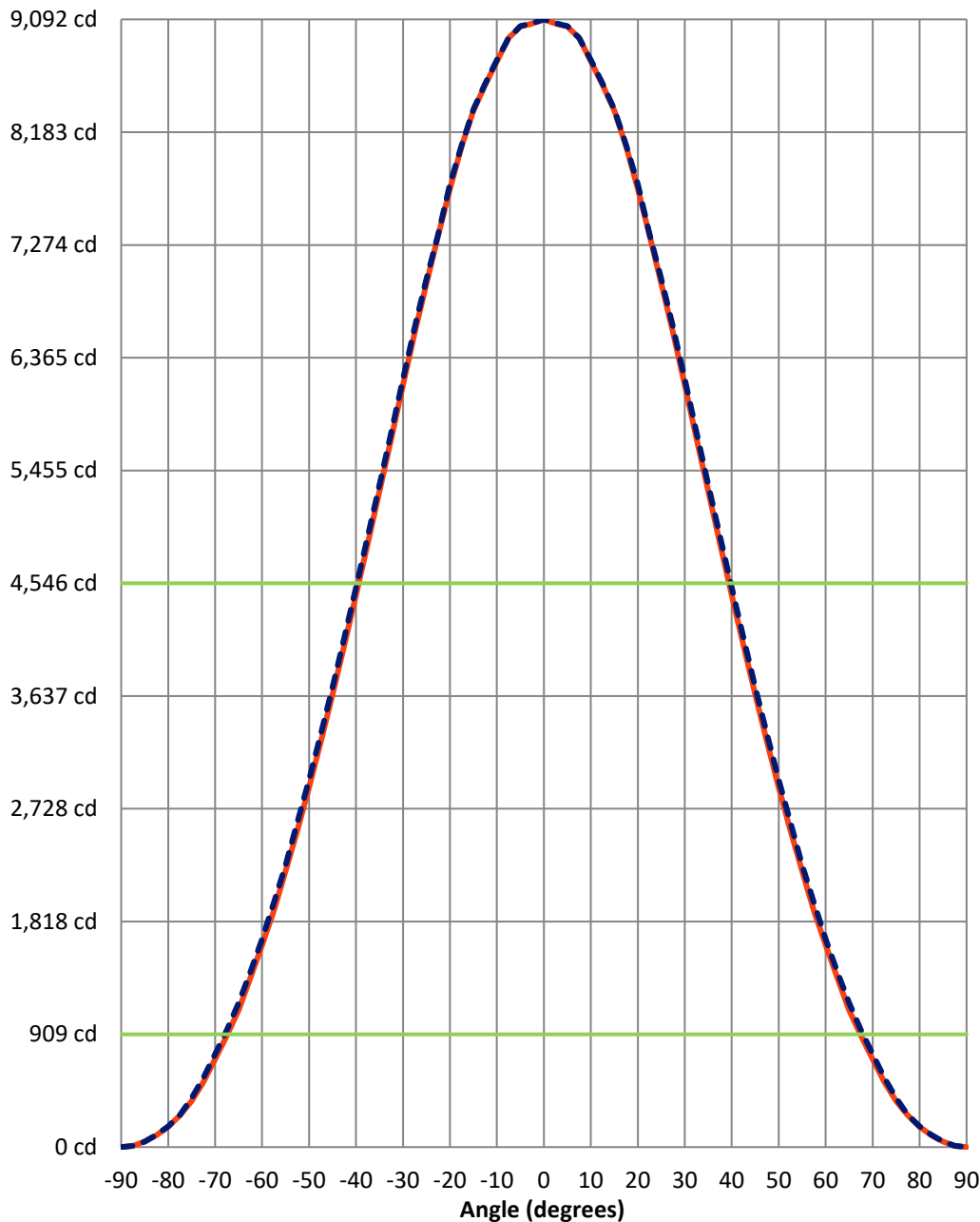
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 9638.4
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 15666.6
 Efficiency: 95.3%

Spill:
 Lumens: 767
 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	0.5	1.2	1.8	2.4	2.9	3.5	4.1	4.7	5.2	5.7
85°	0.0	1.0	2.4	3.5	4.7	5.9	7.0	8.2	9.3	10.4	11.5
82.5°	0.0	1.6	3.5	5.3	7.1	8.8	10.5	12.2	15.3	24.1	32.6
80°	0.0	2.1	4.7	7.1	9.4	11.7	15.9	28.2	40.2	51.6	62.6
77.5°	0.0	2.6	5.8	8.8	11.7	18.4	34.6	50.2	64.9	79.0	96.5
75°	0.0	3.1	7.0	10.5	15.3	31.8	52.8	72.0	90.3	115.6	142.4
72.5°	0.0	3.6	8.1	12.2	24.4	44.9	70.6	95.4	124.2	154.9	187.5
70°	0.0	4.0	9.2	14.7	33.2	57.5	88.2	123.5	157.4	193.6	235.9
67.5°	0.0	4.5	10.2	20.1	41.6	69.6	109.5	150.9	189.9	235.5	284.0
65°	0.0	5.0	11.2	25.3	49.7	83.1	129.8	177.6	224.9	276.3	329.1
62.5°	0.0	5.4	12.2	30.3	57.3	97.9	149.1	205.5	258.8	315.2	369.4
60°	0.0	5.8	13.1	35.0	64.5	111.9	167.2	233.1	291.4	351.6	409.1
57.5°	0.0	6.2	15.8	39.5	74.1	125.0	186.4	258.9	323.5	387.4	446.8
55°	0.0	6.6	18.4	43.6	83.2	137.3	204.5	281.2	355.1	421.9	483.0
52.5°	0.0	7.0	20.9	47.4	91.7	148.9	221.3	304.4	386.0	453.8	518.2
50°	0.0	7.4	23.3	50.9	99.6	161.2	236.7	326.3	415.3	484.7	558.6
47.5°	0.0	7.7	25.5	54.6	106.7	172.5	251.1	346.8	441.9	514.5	598.2
45°	0.0	8.1	27.7	59.3	113.1	182.6	267.1	365.6	462.6	548.4	636.1
42.5°	0.0	8.4	29.7	63.6	118.8	191.7	281.8	383.0	482.4	580.7	680.6
40°	0.0	8.6	31.7	68.0	124.5	199.5	295.1	399.4	502.9	611.1	724.1
37.5°	0.0	8.9	33.5	72.3	130.2	206.3	307.0	415.0	526.0	639.8	764.8
35°	0.0	9.2	35.1	76.4	135.0	214.1	317.6	429.7	548.5	672.9	805.9
32.5°	0.0	9.4	36.7	80.1	139.1	221.9	327.3	443.4	570.3	704.8	849.3
30°	0.0	9.6	38.1	83.5	142.3	228.5	337.5	457.1	591.4	735.2	890.0
27.5°	0.0	9.7	39.4	86.6	147.2	234.0	346.6	473.0	613.0	764.1	927.7
25°	0.0	9.9	40.5	89.3	151.7	238.4	354.6	487.8	635.6	793.5	962.6
22.5°	0.0	10.0	41.5	91.8	155.8	242.8	361.4	501.4	656.5	821.3	999.7
20°	0.0	10.1	42.4	93.9	159.2	248.8	367.1	513.6	675.3	846.2	1033.0
17.5°	0.0	10.2	43.1	95.6	162.1	253.8	374.2	524.3	692.2	868.0	1062.4
15°	0.0	10.3	43.7	97.1	164.5	257.6	381.5	534.6	706.8	886.7	1087.7
12.5°	0.0	10.3	44.1	98.2	166.3	260.4	387.5	544.2	720.0	902.3	1108.9
10°	0.0	10.3	44.4	99.0	167.5	262.1	392.0	551.6	731.5	916.8	1126.7
7.5°	0.0	10.3	44.6	99.4	168.2	262.8	395.1	556.8	740.2	928.6	1142.2
5°	0.0	10.3	44.6	99.5	168.3	262.5	396.7	559.8	746.3	937.1	1153.2
2.5°	0.0	10.3	44.5	99.3	167.9	261.2	396.8	560.5	749.5	942.3	1159.9
0°	0.0	10.2	44.3	98.8	167.0	259.0	395.3	558.9	749.7	944.0	1162.1
-2.5°	0.0	10.3	44.5	99.3	167.9	261.2	396.8	560.5	749.5	942.3	1159.9
-5°	0.0	10.3	44.6	99.5	168.3	262.5	396.7	559.8	746.3	937.1	1153.2
-7.5°	0.0	10.3	44.6	99.4	168.2	262.8	395.1	556.8	740.2	928.6	1142.2
-10°	0.0	10.3	44.4	99.0	167.5	262.1	392.0	551.6	731.5	916.8	1126.7
-12.5°	0.0	10.3	44.1	98.2	166.3	260.4	387.5	544.2	720.0	902.3	1108.9
-15°	0.0	10.3	43.7	97.1	164.5	257.6	381.5	534.6	706.8	886.7	1087.7
-17.5°	0.0	10.2	43.1	95.6	162.1	253.8	374.2	524.3	692.2	868.0	1062.4
-20°	0.0	10.1	42.4	93.9	159.2	248.8	367.1	513.6	675.3	846.2	1033.0

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CATALOG NUMBER: GFLD-SA2E-750-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	10.0	41.5	91.8	155.8	242.8	361.4	501.4	656.5	821.3	999.7
-25°	0.0	9.9	40.5	89.3	151.7	238.4	354.6	487.8	635.6	793.5	962.6
-27.5°	0.0	9.7	39.4	86.6	147.2	234.0	346.6	473.0	613.0	764.1	927.7
-30°	0.0	9.6	38.1	83.5	142.3	228.5	337.5	457.1	591.4	735.2	890.0
-32.5°	0.0	9.4	36.7	80.1	139.1	221.9	327.3	443.4	570.3	704.8	849.3
-35°	0.0	9.2	35.1	76.4	135.0	214.1	317.6	429.7	548.5	672.9	805.9
-37.5°	0.0	8.9	33.5	72.3	130.2	206.3	307.0	415.0	526.0	639.8	764.8
-40°	0.0	8.6	31.7	68.0	124.5	199.5	295.1	399.4	502.9	611.1	724.1
-42.5°	0.0	8.4	29.7	63.6	118.8	191.7	281.8	383.0	482.4	580.7	680.6
-45°	0.0	8.1	27.7	59.3	113.1	182.6	267.1	365.6	462.6	548.4	636.1
-47.5°	0.0	7.7	25.5	54.6	106.7	172.5	251.1	346.8	441.9	514.5	598.2
-50°	0.0	7.4	23.3	50.9	99.6	161.2	236.7	326.3	415.3	484.7	558.6
-52.5°	0.0	7.0	20.9	47.4	91.7	148.9	221.3	304.4	386.0	453.8	518.2
-55°	0.0	6.6	18.4	43.6	83.2	137.3	204.5	281.2	355.1	421.9	483.0
-57.5°	0.0	6.2	15.8	39.5	74.1	125.0	186.4	258.9	323.5	387.4	446.8
-60°	0.0	5.8	13.1	35.0	64.5	111.9	167.2	233.1	291.4	351.6	409.1
-62.5°	0.0	5.4	12.2	30.3	57.3	97.9	149.1	205.5	258.8	315.2	369.4
-65°	0.0	5.0	11.2	25.3	49.7	83.1	129.8	177.6	224.9	276.3	329.1
-67.5°	0.0	4.5	10.2	20.1	41.6	69.6	109.5	150.9	189.9	235.5	284.0
-70°	0.0	4.0	9.2	14.7	33.2	57.5	88.2	123.5	157.4	193.6	235.9
-72.5°	0.0	3.6	8.1	12.2	24.4	44.9	70.6	95.4	124.2	154.9	187.5
-75°	0.0	3.1	7.0	10.5	15.3	31.8	52.8	72.0	90.3	115.6	142.4
-77.5°	0.0	2.6	5.8	8.8	11.7	18.4	34.6	50.2	64.9	79.0	96.5
-80°	0.0	2.1	4.7	7.1	9.4	11.7	15.9	28.2	40.2	51.6	62.6
-82.5°	0.0	1.6	3.5	5.3	7.1	8.8	10.5	12.2	15.3	24.1	32.6
-85°	0.0	1.0	2.4	3.5	4.7	5.9	7.0	8.2	9.3	10.4	11.5
-87.5°	0.0	0.5	1.2	1.8	2.4	2.9	3.5	4.1	4.7	5.2	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.7	7.6	8.7	9.7	9.8	9.8	9.8	9.6	10.0	10.4	10.8
85°	13.3	15.3	21.2	26.9	29.7	31.4	32.2	32.1	37.3	43.3	49.9
82.5°	41.4	50.0	58.1	65.9	67.9	68.0	67.3	67.5	79.8	93.8	108.2
80°	73.8	84.7	99.1	111.8	117.3	120.2	121.5	121.3	136.8	157.5	179.2
77.5°	117.1	135.4	151.3	164.8	172.0	178.5	183.7	187.7	207.6	233.8	259.6
75°	166.5	186.5	206.4	223.7	235.9	244.9	253.2	266.7	292.8	323.3	349.8
72.5°	218.6	244.1	266.3	285.1	302.1	320.2	340.4	362.6	390.1	420.6	448.3
70°	274.2	302.3	325.5	348.1	371.3	398.4	428.7	458.6	489.3	522.9	555.2
67.5°	328.5	355.6	383.0	411.5	446.2	482.5	518.4	559.6	601.7	639.0	672.3
65°	375.8	407.5	441.7	480.5	523.4	569.5	617.4	666.8	720.2	765.0	805.8
62.5°	420.9	459.1	500.6	549.0	603.7	658.2	719.3	781.1	841.3	894.0	942.8
60°	462.4	508.7	561.3	620.6	684.5	756.9	826.5	896.8	962.7	1022.5	1084.1
57.5°	502.9	561.1	624.2	695.4	776.1	857.6	939.3	1014.9	1089.6	1162.4	1232.1
55°	545.7	615.9	690.9	778.3	869.3	965.5	1053.6	1138.0	1220.2	1308.6	1392.6
52.5°	592.8	671.2	765.2	862.9	968.0	1071.3	1168.0	1264.2	1363.6	1463.6	1573.0
50°	638.2	736.0	839.0	952.7	1066.2	1176.8	1287.8	1398.6	1517.7	1640.3	1764.2
47.5°	691.4	798.0	919.7	1041.6	1165.6	1288.8	1412.5	1546.3	1681.6	1823.9	1960.9
45°	745.1	865.1	996.1	1134.0	1268.1	1404.5	1549.0	1696.9	1855.7	2012.1	2177.0
42.5°	796.0	931.7	1076.1	1224.9	1374.2	1526.6	1685.5	1858.3	2031.8	2212.2	2393.4
40°	852.5	995.0	1154.2	1318.2	1480.2	1649.1	1830.7	2017.9	2214.1	2412.5	2609.3
37.5°	906.7	1063.4	1230.8	1407.3	1589.0	1774.7	1971.9	2184.3	2397.1	2610.7	2827.7
35°	957.6	1128.2	1309.5	1497.0	1689.7	1900.8	2121.3	2348.0	2578.7	2809.6	3043.0
32.5°	1009.8	1189.4	1384.8	1585.4	1797.7	2024.2	2265.6	2511.4	2757.0	3003.6	3259.1
30°	1062.2	1253.5	1457.7	1669.0	1901.3	2148.0	2407.5	2667.8	2927.6	3199.0	3471.3
27.5°	1111.7	1314.3	1529.3	1755.4	2000.5	2262.6	2538.3	2817.1	3097.3	3385.8	3676.2
25°	1157.3	1371.9	1595.8	1838.6	2098.3	2373.0	2660.1	2951.1	3258.3	3567.1	3870.3
22.5°	1201.7	1424.8	1657.4	1915.2	2187.0	2475.4	2774.5	3081.7	3402.8	3734.3	4048.1
20°	1244.5	1475.3	1717.3	1984.7	2266.4	2567.7	2878.4	3200.1	3536.9	3877.3	4214.8
17.5°	1282.5	1520.1	1773.1	2049.6	2342.2	2652.0	2972.0	3304.3	3656.1	4008.9	4366.6
15°	1315.5	1559.1	1821.4	2106.2	2409.2	2728.7	3058.9	3400.6	3761.5	4128.8	4500.7
12.5°	1343.5	1592.1	1862.0	2154.4	2466.0	2794.4	3133.5	3487.3	3857.9	4235.5	4618.2
10°	1366.2	1619.0	1895.0	2193.7	2512.4	2848.8	3195.0	3558.8	3940.4	4326.3	4717.0
7.5°	1385.5	1641.5	1921.0	2224.1	2548.2	2891.3	3242.9	3614.5	4006.2	4397.1	4796.4
5°	1399.6	1659.6	1945.1	2249.6	2579.3	2924.5	3279.1	3654.3	4054.3	4447.5	4853.9
2.5°	1408.1	1671.4	1961.4	2266.1	2603.8	2949.4	3311.3	3689.3	4089.6	4487.5	4897.2
0°	1410.9	1676.7	1969.8	2273.1	2617.3	2961.5	3329.5	3707.8	4106.6	4512.1	4924.5
-2.5°	1408.1	1671.4	1961.4	2266.1	2603.8	2949.4	3311.3	3689.3	4089.6	4487.5	4897.2
-5°	1399.6	1659.6	1945.1	2249.6	2579.3	2924.5	3279.1	3654.3	4054.3	4447.5	4853.9
-7.5°	1385.5	1641.5	1921.0	2224.1	2548.2	2891.3	3242.9	3614.5	4006.2	4397.1	4796.4
-10°	1366.2	1619.0	1895.0	2193.7	2512.4	2848.8	3195.0	3558.8	3940.4	4326.3	4717.0
-12.5°	1343.5	1592.1	1862.0	2154.4	2466.0	2794.4	3133.5	3487.3	3857.9	4235.5	4618.2
-15°	1315.5	1559.1	1821.4	2106.2	2409.2	2728.7	3058.9	3400.6	3761.5	4128.8	4500.7
-17.5°	1282.5	1520.1	1773.1	2049.6	2342.2	2652.0	2972.0	3304.3	3656.1	4008.9	4366.6
-20°	1244.5	1475.3	1717.3	1984.7	2266.4	2567.7	2878.4	3200.1	3536.9	3877.3	4214.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627061 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	1201.7	1424.8	1657.4	1915.2	2187.0	2475.4	2774.5	3081.7	3402.8	3734.3	4048.1
-25°	1157.3	1371.9	1595.8	1838.6	2098.3	2373.0	2660.1	2951.1	3258.3	3567.1	3870.3
-27.5°	1111.7	1314.3	1529.3	1755.4	2000.5	2262.6	2538.3	2817.1	3097.3	3385.8	3676.2
-30°	1062.2	1253.5	1457.7	1669.0	1901.3	2148.0	2407.5	2667.8	2927.6	3199.0	3471.3
-32.5°	1009.8	1189.4	1384.8	1585.4	1797.7	2024.2	2265.6	2511.4	2757.0	3003.6	3259.1
-35°	957.6	1128.2	1309.5	1497.0	1689.7	1900.8	2121.3	2348.0	2578.7	2809.6	3043.0
-37.5°	906.7	1063.4	1230.8	1407.3	1589.0	1774.7	1971.9	2184.3	2397.1	2610.7	2827.7
-40°	852.5	995.0	1154.2	1318.2	1480.2	1649.1	1830.7	2017.9	2214.1	2412.5	2609.3
-42.5°	796.0	931.7	1076.1	1224.9	1374.2	1526.6	1685.5	1858.3	2031.8	2212.2	2393.4
-45°	745.1	865.1	996.1	1134.0	1268.1	1404.5	1549.0	1696.9	1855.7	2012.1	2177.0
-47.5°	691.4	798.0	919.7	1041.6	1165.6	1288.8	1412.5	1546.3	1681.6	1823.9	1960.9
-50°	638.2	736.0	839.0	952.7	1066.2	1176.8	1287.8	1398.6	1517.7	1640.3	1764.2
-52.5°	592.8	671.2	765.2	862.9	968.0	1071.3	1168.0	1264.2	1363.6	1463.6	1573.0
-55°	545.7	615.9	690.9	778.3	869.3	965.5	1053.6	1138.0	1220.2	1308.6	1392.6
-57.5°	502.9	561.1	624.2	695.4	776.1	857.6	939.3	1014.9	1089.6	1162.4	1232.1
-60°	462.4	508.7	561.3	620.6	684.5	756.9	826.5	896.8	962.7	1022.5	1084.1
-62.5°	420.9	459.1	500.6	549.0	603.7	658.2	719.3	781.1	841.3	894.0	942.8
-65°	375.8	407.5	441.7	480.5	523.4	569.5	617.4	666.8	720.2	765.0	805.8
-67.5°	328.5	355.6	383.0	411.5	446.2	482.5	518.4	559.6	601.7	639.0	672.3
-70°	274.2	302.3	325.5	348.1	371.3	398.4	428.7	458.6	489.3	522.9	555.2
-72.5°	218.6	244.1	266.3	285.1	302.1	320.2	340.4	362.6	390.1	420.6	448.3
-75°	166.5	186.5	206.4	223.7	235.9	244.9	253.2	266.7	292.8	323.3	349.8
-77.5°	117.1	135.4	151.3	164.8	172.0	178.5	183.7	187.7	207.6	233.8	259.6
-80°	73.8	84.7	99.1	111.8	117.3	120.2	121.5	121.3	136.8	157.5	179.2
-82.5°	41.4	50.0	58.1	65.9	67.9	68.0	67.3	67.5	79.8	93.8	108.2
-85°	13.3	15.3	21.2	26.9	29.7	31.4	32.2	32.1	37.3	43.3	49.9
-87.5°	6.7	7.6	8.7	9.7	9.8	9.8	9.8	9.6	10.0	10.4	10.8
-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: P627061 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	11.1	11.5	11.8	12.1	12.3	12.6	12.8	13.0	13.1	12.5	11.7
85°	56.9	61.0	64.7	68.3	71.7	75.0	78.0	80.9	83.5	76.2	68.2
82.5°	122.9	132.8	142.2	151.5	160.7	163.1	163.8	163.5	162.2	149.5	135.4
80°	200.7	217.4	233.1	248.7	264.1	265.9	264.1	260.9	256.4	239.8	220.9
77.5°	285.5	306.5	324.9	341.8	357.2	360.1	359.7	358.9	357.6	340.6	320.0
75°	372.5	393.1	412.9	429.8	443.9	450.3	453.5	455.7	457.0	444.8	428.8
72.5°	473.4	494.8	512.3	528.7	542.5	552.6	559.8	565.2	568.9	565.2	558.7
70°	582.8	605.7	625.1	643.6	662.4	677.5	688.8	697.1	702.3	705.7	708.2
67.5°	706.0	736.8	763.7	786.7	809.4	830.7	848.3	862.6	873.6	883.0	890.2
65°	844.9	884.2	919.2	951.2	980.7	1011.6	1037.0	1058.3	1075.4	1089.5	1100.9
62.5°	990.8	1039.1	1083.9	1127.5	1170.1	1212.1	1244.3	1273.7	1299.7	1322.2	1340.0
60°	1142.5	1197.3	1257.5	1315.0	1367.8	1416.1	1464.1	1505.6	1541.2	1570.7	1594.5
57.5°	1305.5	1376.6	1446.9	1518.3	1585.7	1648.8	1707.8	1759.9	1803.9	1840.0	1870.4
55°	1481.6	1570.5	1652.1	1742.1	1829.0	1908.2	1977.9	2039.2	2092.1	2136.5	2174.2
52.5°	1675.2	1783.2	1889.2	1991.6	2090.4	2182.2	2265.7	2337.0	2400.4	2454.8	2498.2
50°	1887.1	2010.7	2133.5	2247.4	2360.9	2466.7	2562.4	2645.2	2719.0	2782.9	2833.2
47.5°	2108.7	2249.4	2386.5	2517.0	2642.5	2760.1	2863.7	2958.0	3050.1	3125.2	3184.6
45°	2338.8	2496.6	2647.9	2797.0	2935.3	3067.1	3194.9	3312.3	3406.9	3489.6	3559.1
42.5°	2571.7	2747.7	2917.2	3079.8	3231.8	3384.3	3528.0	3656.5	3764.2	3858.3	3937.3
40°	2807.7	3000.3	3187.0	3364.3	3538.1	3704.4	3859.9	3995.3	4116.8	4228.5	4321.6
37.5°	3042.4	3254.3	3461.2	3659.8	3851.2	4031.3	4199.3	4352.4	4489.5	4616.7	4720.0
35°	3278.2	3510.7	3737.1	3955.7	4164.8	4363.5	4547.5	4721.6	4883.2	5012.1	5117.8
32.5°	3513.0	3763.0	4009.4	4250.1	4478.9	4693.2	4892.5	5084.9	5251.2	5392.8	5514.4
30°	3740.3	4011.1	4279.5	4540.5	4787.5	5019.7	5240.4	5443.9	5622.7	5777.6	5913.9
27.5°	3963.3	4254.2	4542.2	4821.0	5088.1	5340.5	5581.3	5802.0	5997.1	6165.4	6309.2
25°	4174.1	4486.8	4793.8	5089.3	5374.7	5653.0	5913.1	6153.9	6362.3	6547.1	6694.8
22.5°	4375.5	4709.0	5031.5	5342.4	5647.7	5947.7	6232.3	6483.8	6704.7	6897.9	7061.4
20°	4563.1	4920.5	5250.4	5579.3	5900.9	6221.1	6526.8	6792.1	7025.8	7231.6	7411.8
17.5°	4738.5	5105.1	5452.5	5802.6	6141.5	6477.5	6788.0	7072.4	7324.6	7543.0	7731.7
15°	4887.0	5257.1	5636.6	6010.4	6367.8	6708.1	7018.3	7315.3	7595.2	7831.5	8022.9
12.5°	5007.1	5392.1	5788.0	6184.8	6562.8	6902.6	7227.4	7528.7	7822.7	8088.1	8264.0
10°	5109.6	5506.0	5914.7	6319.4	6702.4	7062.0	7415.1	7733.7	8022.6	8260.2	8456.7
7.5°	5198.2	5606.5	6021.6	6426.9	6808.7	7180.2	7543.7	7882.1	8173.7	8397.6	8572.8
5°	5263.5	5681.6	6104.6	6513.7	6900.8	7273.5	7638.7	7972.8	8257.5	8485.3	8676.4
2.5°	5310.3	5732.3	6158.4	6568.0	6963.6	7337.3	7711.6	8049.5	8325.2	8533.9	8716.9
0°	5340.2	5762.8	6192.2	6611.4	6999.9	7361.1	7763.3	8080.2	8366.5	8574.3	8765.2
-2.5°	5310.3	5732.3	6158.4	6568.0	6963.6	7337.3	7711.6	8049.5	8325.2	8533.9	8716.9
-5°	5263.5	5681.6	6104.6	6513.7	6900.8	7273.5	7638.7	7972.8	8257.5	8485.3	8676.4
-7.5°	5198.2	5606.5	6021.6	6426.9	6808.7	7180.2	7543.7	7882.1	8173.7	8397.6	8572.8
-10°	5109.6	5506.0	5914.7	6319.4	6702.4	7062.0	7415.1	7733.7	8022.6	8260.2	8456.7
-12.5°	5007.1	5392.1	5788.0	6184.8	6562.8	6902.6	7227.4	7528.7	7822.7	8088.1	8264.0
-15°	4887.0	5257.1	5636.6	6010.4	6367.8	6708.1	7018.3	7315.3	7595.2	7831.5	8022.9
-17.5°	4738.5	5105.1	5452.5	5802.6	6141.5	6477.5	6788.0	7072.4	7324.6	7543.0	7731.7
-20°	4563.1	4920.5	5250.4	5579.3	5900.9	6221.1	6526.8	6792.1	7025.8	7231.6	7411.8



REPORT NUMBER: P627061 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	4375.5	4709.0	5031.5	5342.4	5647.7	5947.7	6232.3	6483.8	6704.7	6897.9	7061.4
-25°	4174.1	4486.8	4793.8	5089.3	5374.7	5653.0	5913.1	6153.9	6362.3	6547.1	6694.8
-27.5°	3963.3	4254.2	4542.2	4821.0	5088.1	5340.5	5581.3	5802.0	5997.1	6165.4	6309.2
-30°	3740.3	4011.1	4279.5	4540.5	4787.5	5019.7	5240.4	5443.9	5622.7	5777.6	5913.9
-32.5°	3513.0	3763.0	4009.4	4250.1	4478.9	4693.2	4892.5	5084.9	5251.2	5392.8	5514.4
-35°	3278.2	3510.7	3737.1	3955.7	4164.8	4363.5	4547.5	4721.6	4883.2	5012.1	5117.8
-37.5°	3042.4	3254.3	3461.2	3659.8	3851.2	4031.3	4199.3	4352.4	4489.5	4616.7	4720.0
-40°	2807.7	3000.3	3187.0	3364.3	3538.1	3704.4	3859.9	3995.3	4116.8	4228.5	4321.6
-42.5°	2571.7	2747.7	2917.2	3079.8	3231.8	3384.3	3528.0	3656.5	3764.2	3858.3	3937.3
-45°	2338.8	2496.6	2647.9	2797.0	2935.3	3067.1	3194.9	3312.3	3406.9	3489.6	3559.1
-47.5°	2108.7	2249.4	2386.5	2517.0	2642.5	2760.1	2863.7	2958.0	3050.1	3125.2	3184.6
-50°	1887.1	2010.7	2133.5	2247.4	2360.9	2466.7	2562.4	2645.2	2719.0	2782.9	2833.2
-52.5°	1675.2	1783.2	1889.2	1991.6	2090.4	2182.2	2265.7	2337.0	2400.4	2454.8	2498.2
-55°	1481.6	1570.5	1652.1	1742.1	1829.0	1908.2	1977.9	2039.2	2092.1	2136.5	2174.2
-57.5°	1305.5	1376.6	1446.9	1518.3	1585.7	1648.8	1707.8	1759.9	1803.9	1840.0	1870.4
-60°	1142.5	1197.3	1257.5	1315.0	1367.8	1416.1	1464.1	1505.6	1541.2	1570.7	1594.5
-62.5°	990.8	1039.1	1083.9	1127.5	1170.1	1212.1	1244.3	1273.7	1299.7	1322.2	1340.0
-65°	844.9	884.2	919.2	951.2	980.7	1011.6	1037.0	1058.3	1075.4	1089.5	1100.9
-67.5°	706.0	736.8	763.7	786.7	809.4	830.7	848.3	862.6	873.6	883.0	890.2
-70°	582.8	605.7	625.1	643.6	662.4	677.5	688.8	697.1	702.3	705.7	708.2
-72.5°	473.4	494.8	512.3	528.7	542.5	552.6	559.8	565.2	568.9	565.2	558.7
-75°	372.5	393.1	412.9	429.8	443.9	450.3	453.5	455.7	457.0	444.8	428.8
-77.5°	285.5	306.5	324.9	341.8	357.2	360.1	359.7	358.9	357.6	340.6	320.0
-80°	200.7	217.4	233.1	248.7	264.1	265.9	264.1	260.9	256.4	239.8	220.9
-82.5°	122.9	132.8	142.2	151.5	160.7	163.1	163.8	163.5	162.2	149.5	135.4
-85°	56.9	61.0	64.7	68.3	71.7	75.0	78.0	80.9	83.5	76.2	68.2
-87.5°	11.1	11.5	11.8	12.1	12.3	12.6	12.8	13.0	13.1	12.5	11.7
-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: P627061 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	11.0	10.2	10.2	10.2	10.2	10.2	11.0	11.7	12.5	13.1	13.0
85°	59.7	50.9	47.6	44.3	47.6	50.9	59.7	68.2	76.2	83.5	80.9
82.5°	120.6	105.3	100.4	95.4	100.4	105.3	120.6	135.4	149.5	162.2	163.5
80°	201.0	180.1	172.0	163.6	172.0	180.1	201.0	220.9	239.8	256.4	260.9
77.5°	298.2	275.3	265.6	255.6	265.6	275.3	298.2	320.0	340.6	357.6	358.9
75°	411.9	394.0	383.1	371.5	383.1	394.0	411.9	428.8	444.8	457.0	455.7
72.5°	551.2	542.4	534.5	524.8	534.5	542.4	551.2	558.7	565.2	568.9	565.2
70°	709.0	707.9	709.3	708.8	709.3	707.9	709.0	708.2	705.7	702.3	697.1
67.5°	894.0	894.2	898.0	899.7	898.0	894.2	894.0	890.2	883.0	873.6	862.6
65°	1107.9	1110.5	1109.5	1104.2	1109.5	1110.5	1107.9	1100.9	1089.5	1075.4	1058.3
62.5°	1352.7	1360.1	1364.1	1363.2	1364.1	1360.1	1352.7	1340.0	1322.2	1299.7	1273.7
60°	1612.2	1623.8	1629.6	1629.0	1629.6	1623.8	1612.2	1594.5	1570.7	1541.2	1505.6
57.5°	1893.0	1907.8	1911.2	1905.0	1911.2	1907.8	1893.0	1870.4	1840.0	1803.9	1759.9
55°	2202.6	2221.5	2228.8	2225.4	2228.8	2221.5	2202.6	2174.2	2136.5	2092.1	2039.2
52.5°	2530.1	2550.5	2557.8	2552.5	2557.8	2550.5	2530.1	2498.2	2454.8	2400.4	2337.0
50°	2870.1	2894.9	2904.9	2900.1	2904.9	2894.9	2870.1	2833.2	2782.9	2719.0	2645.2
47.5°	3231.1	3264.1	3277.0	3268.2	3277.0	3264.1	3231.1	3184.6	3125.2	3050.1	2958.0
45°	3611.0	3645.1	3658.4	3649.9	3658.4	3645.1	3611.0	3559.1	3489.6	3406.9	3312.3
42.5°	3997.6	4042.1	4060.8	4045.2	4060.8	4042.1	3997.6	3937.3	3858.3	3764.2	3656.5
40°	4391.1	4439.3	4461.5	4450.8	4461.5	4439.3	4391.1	4321.6	4228.5	4116.8	3995.3
37.5°	4794.6	4842.6	4866.2	4866.5	4866.2	4842.6	4794.6	4720.0	4616.7	4489.5	4352.4
35°	5199.7	5257.8	5290.7	5289.1	5290.7	5257.8	5199.7	5117.8	5012.1	4883.2	4721.6
32.5°	5610.5	5673.4	5706.9	5711.7	5706.9	5673.4	5610.5	5514.4	5392.8	5251.2	5084.9
30°	6020.5	6089.7	6128.6	6144.5	6128.6	6089.7	6020.5	5913.9	5777.6	5622.7	5443.9
27.5°	6418.1	6503.3	6562.0	6567.1	6562.0	6503.3	6418.1	6309.2	6165.4	5997.1	5802.0
25°	6803.3	6889.9	6950.1	6962.4	6950.1	6889.9	6803.3	6694.8	6547.1	6362.3	6153.9
22.5°	7182.8	7273.4	7329.0	7350.9	7329.0	7273.4	7182.8	7061.4	6897.9	6704.7	6483.8
20°	7545.2	7643.4	7702.3	7725.8	7702.3	7643.4	7545.2	7411.8	7231.6	7025.8	6792.1
17.5°	7873.0	7976.7	8049.5	8070.0	8049.5	7976.7	7873.0	7731.7	7543.0	7324.6	7072.4
15°	8161.5	8259.8	8328.9	8356.2	8328.9	8259.8	8161.5	8022.9	7831.5	7595.2	7315.3
12.5°	8396.3	8484.3	8538.4	8564.1	8538.4	8484.3	8396.3	8264.0	8088.1	7822.7	7528.7
10°	8579.7	8668.0	8719.7	8755.0	8719.7	8668.0	8579.7	8456.7	8260.2	8022.6	7733.7
7.5°	8738.9	8829.4	8892.6	8942.4	8892.6	8829.4	8738.9	8572.8	8397.6	8173.7	7882.1
5°	8826.9	8977.8	9000.6	9034.4	9000.6	8977.8	8826.9	8676.4	8485.3	8257.5	7972.8
2.5°	8893.9	9001.0	9065.3	9058.3	9065.3	9001.0	8893.9	8716.9	8533.9	8325.2	8049.5
0°	8942.4	9037.8	9061.7	9092.3	9061.7	9037.8	8942.4	8765.2	8574.3	8366.5	8080.2
-2.5°	8893.9	9001.0	9065.3	9058.3	9065.3	9001.0	8893.9	8716.9	8533.9	8325.2	8049.5
-5°	8826.9	8977.8	9000.6	9034.4	9000.6	8977.8	8826.9	8676.4	8485.3	8257.5	7972.8
-7.5°	8738.9	8829.4	8892.6	8942.4	8892.6	8829.4	8738.9	8572.8	8397.6	8173.7	7882.1
-10°	8579.7	8668.0	8719.7	8755.0	8719.7	8668.0	8579.7	8456.7	8260.2	8022.6	7733.7
-12.5°	8396.3	8484.3	8538.4	8564.1	8538.4	8484.3	8396.3	8264.0	8088.1	7822.7	7528.7
-15°	8161.5	8259.8	8328.9	8356.2	8328.9	8259.8	8161.5	8022.9	7831.5	7595.2	7315.3
-17.5°	7873.0	7976.7	8049.5	8070.0	8049.5	7976.7	7873.0	7731.7	7543.0	7324.6	7072.4
-20°	7545.2	7643.4	7702.3	7725.8	7702.3	7643.4	7545.2	7411.8	7231.6	7025.8	6792.1



REPORT NUMBER: P627061 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	7182.8	7273.4	7329.0	7350.9	7329.0	7273.4	7182.8	7061.4	6897.9	6704.7	6483.8
-25°	6803.3	6889.9	6950.1	6962.4	6950.1	6889.9	6803.3	6694.8	6547.1	6362.3	6153.9
-27.5°	6418.1	6503.3	6562.0	6567.1	6562.0	6503.3	6418.1	6309.2	6165.4	5997.1	5802.0
-30°	6020.5	6089.7	6128.6	6144.5	6128.6	6089.7	6020.5	5913.9	5777.6	5622.7	5443.9
-32.5°	5610.5	5673.4	5706.9	5711.7	5706.9	5673.4	5610.5	5514.4	5392.8	5251.2	5084.9
-35°	5199.7	5257.8	5290.7	5289.1	5290.7	5257.8	5199.7	5117.8	5012.1	4883.2	4721.6
-37.5°	4794.6	4842.6	4866.2	4866.5	4866.2	4842.6	4794.6	4720.0	4616.7	4489.5	4352.4
-40°	4391.1	4439.3	4461.5	4450.8	4461.5	4439.3	4391.1	4321.6	4228.5	4116.8	3995.3
-42.5°	3997.6	4042.1	4060.8	4045.2	4060.8	4042.1	3997.6	3937.3	3858.3	3764.2	3656.5
-45°	3611.0	3645.1	3658.4	3649.9	3658.4	3645.1	3611.0	3559.1	3489.6	3406.9	3312.3
-47.5°	3231.1	3264.1	3277.0	3268.2	3277.0	3264.1	3231.1	3184.6	3125.2	3050.1	2958.0
-50°	2870.1	2894.9	2904.9	2900.1	2904.9	2894.9	2870.1	2833.2	2782.9	2719.0	2645.2
-52.5°	2530.1	2550.5	2557.8	2552.5	2557.8	2550.5	2530.1	2498.2	2454.8	2400.4	2337.0
-55°	2202.6	2221.5	2228.8	2225.4	2228.8	2221.5	2202.6	2174.2	2136.5	2092.1	2039.2
-57.5°	1893.0	1907.8	1911.2	1905.0	1911.2	1907.8	1893.0	1870.4	1840.0	1803.9	1759.9
-60°	1612.2	1623.8	1629.6	1629.0	1629.6	1623.8	1612.2	1594.5	1570.7	1541.2	1505.6
-62.5°	1352.7	1360.1	1364.1	1363.2	1364.1	1360.1	1352.7	1340.0	1322.2	1299.7	1273.7
-65°	1107.9	1110.5	1109.5	1104.2	1109.5	1110.5	1107.9	1100.9	1089.5	1075.4	1058.3
-67.5°	894.0	894.2	898.0	899.7	898.0	894.2	894.0	890.2	883.0	873.6	862.6
-70°	709.0	707.9	709.3	708.8	709.3	707.9	709.0	708.2	705.7	702.3	697.1
-72.5°	551.2	542.4	534.5	524.8	534.5	542.4	551.2	558.7	565.2	568.9	565.2
-75°	411.9	394.0	383.1	371.5	383.1	394.0	411.9	428.8	444.8	457.0	455.7
-77.5°	298.2	275.3	265.6	255.6	265.6	275.3	298.2	320.0	340.6	357.6	358.9
-80°	201.0	180.1	172.0	163.6	172.0	180.1	201.0	220.9	239.8	256.4	260.9
-82.5°	120.6	105.3	100.4	95.4	100.4	105.3	120.6	135.4	149.5	162.2	163.5
-85°	59.7	50.9	47.6	44.3	47.6	50.9	59.7	68.2	76.2	83.5	80.9
-87.5°	11.0	10.2	10.2	10.2	10.2	10.2	11.0	11.7	12.5	13.1	13.0
-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: P627061 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-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°	12.8	12.6	12.3	12.1	11.8	11.5	11.1	10.8	10.4	10.0	9.6
85°	78.0	75.0	71.7	68.3	64.7	61.0	56.9	49.9	43.3	37.3	32.1
82.5°	163.8	163.1	160.7	151.5	142.2	132.8	122.9	108.2	93.8	79.8	67.5
80°	264.1	265.9	264.1	248.7	233.1	217.4	200.7	179.2	157.5	136.8	121.3
77.5°	359.7	360.1	357.2	341.8	324.9	306.5	285.5	259.6	233.8	207.6	187.7
75°	453.5	450.3	443.9	429.8	412.9	393.1	372.5	349.8	323.3	292.8	266.7
72.5°	559.8	552.6	542.5	528.7	512.3	494.8	473.4	448.3	420.6	390.1	362.6
70°	688.8	677.5	662.4	643.6	625.1	605.7	582.8	555.2	522.9	489.3	458.6
67.5°	848.3	830.7	809.4	786.7	763.7	736.8	706.0	672.3	639.0	601.7	559.6
65°	1037.0	1011.6	980.7	951.2	919.2	884.2	844.9	805.8	765.0	720.2	666.8
62.5°	1244.3	1212.1	1170.1	1127.5	1083.9	1039.1	990.8	942.8	894.0	841.3	781.1
60°	1464.1	1416.1	1367.8	1315.0	1257.5	1197.3	1142.5	1084.1	1022.5	962.7	896.8
57.5°	1707.8	1648.8	1585.7	1518.3	1446.9	1376.6	1305.5	1232.1	1162.4	1089.6	1014.9
55°	1977.9	1908.2	1829.0	1742.1	1652.1	1570.5	1481.6	1392.6	1308.6	1220.2	1138.0
52.5°	2265.7	2182.2	2090.4	1991.6	1889.2	1783.2	1675.2	1573.0	1463.6	1363.6	1264.2
50°	2562.4	2466.7	2360.9	2247.4	2133.5	2010.7	1887.1	1764.2	1640.3	1517.7	1398.6
47.5°	2863.7	2760.1	2642.5	2517.0	2386.5	2249.4	2108.7	1960.9	1823.9	1681.6	1546.3
45°	3194.9	3067.1	2935.3	2797.0	2647.9	2496.6	2338.8	2177.0	2012.1	1855.7	1696.9
42.5°	3528.0	3384.3	3231.8	3079.8	2917.2	2747.7	2571.7	2393.4	2212.2	2031.8	1858.3
40°	3859.9	3704.4	3538.1	3364.3	3187.0	3000.3	2807.7	2609.3	2412.5	2214.1	2017.9
37.5°	4199.3	4031.3	3851.2	3659.8	3461.2	3254.3	3042.4	2827.7	2610.7	2397.1	2184.3
35°	4547.5	4363.5	4164.8	3955.7	3737.1	3510.7	3278.2	3043.0	2809.6	2578.7	2348.0
32.5°	4892.5	4693.2	4478.9	4250.1	4009.4	3763.0	3513.0	3259.1	3003.6	2757.0	2511.4
30°	5240.4	5019.7	4787.5	4540.5	4279.5	4011.1	3740.3	3471.3	3199.0	2927.6	2667.8
27.5°	5581.3	5340.5	5088.1	4821.0	4542.2	4254.2	3963.3	3676.2	3385.8	3097.3	2817.1
25°	5913.1	5653.0	5374.7	5089.3	4793.8	4486.8	4174.1	3870.3	3567.1	3258.3	2951.1
22.5°	6232.3	5947.7	5647.7	5342.4	5031.5	4709.0	4375.5	4048.1	3734.3	3402.8	3081.7
20°	6526.8	6221.1	5900.9	5579.3	5250.4	4920.5	4563.1	4214.8	3877.3	3536.9	3200.1
17.5°	6788.0	6477.5	6141.5	5802.6	5452.5	5105.1	4738.5	4366.6	4008.9	3656.1	3304.3
15°	7018.3	6708.1	6367.8	6010.4	5636.6	5257.1	4887.0	4500.7	4128.8	3761.5	3400.6
12.5°	7227.4	6902.6	6562.8	6184.8	5788.0	5392.1	5007.1	4618.2	4235.5	3857.9	3487.3
10°	7415.1	7062.0	6702.4	6319.4	5914.7	5506.0	5109.6	4717.0	4326.3	3940.4	3558.8
7.5°	7543.7	7180.2	6808.7	6426.9	6021.6	5606.5	5198.2	4796.4	4397.1	4006.2	3614.5
5°	7638.7	7273.5	6900.8	6513.7	6104.6	5681.6	5263.5	4853.9	4447.5	4054.3	3654.3
2.5°	7711.6	7337.3	6963.6	6568.0	6158.4	5732.3	5310.3	4897.2	4487.5	4089.6	3689.3
0°	7763.3	7361.1	6999.9	6611.4	6192.2	5762.8	5340.2	4924.5	4512.1	4106.6	3707.8
-2.5°	7711.6	7337.3	6963.6	6568.0	6158.4	5732.3	5310.3	4897.2	4487.5	4089.6	3689.3
-5°	7638.7	7273.5	6900.8	6513.7	6104.6	5681.6	5263.5	4853.9	4447.5	4054.3	3654.3
-7.5°	7543.7	7180.2	6808.7	6426.9	6021.6	5606.5	5198.2	4796.4	4397.1	4006.2	3614.5
-10°	7415.1	7062.0	6702.4	6319.4	5914.7	5506.0	5109.6	4717.0	4326.3	3940.4	3558.8
-12.5°	7227.4	6902.6	6562.8	6184.8	5788.0	5392.1	5007.1	4618.2	4235.5	3857.9	3487.3
-15°	7018.3	6708.1	6367.8	6010.4	5636.6	5257.1	4887.0	4500.7	4128.8	3761.5	3400.6
-17.5°	6788.0	6477.5	6141.5	5802.6	5452.5	5105.1	4738.5	4366.6	4008.9	3656.1	3304.3
-20°	6526.8	6221.1	5900.9	5579.3	5250.4	4920.5	4563.1	4214.8	3877.3	3536.9	3200.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627061 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	6232.3	5947.7	5647.7	5342.4	5031.5	4709.0	4375.5	4048.1	3734.3	3402.8	3081.7
-25°	5913.1	5653.0	5374.7	5089.3	4793.8	4486.8	4174.1	3870.3	3567.1	3258.3	2951.1
-27.5°	5581.3	5340.5	5088.1	4821.0	4542.2	4254.2	3963.3	3676.2	3385.8	3097.3	2817.1
-30°	5240.4	5019.7	4787.5	4540.5	4279.5	4011.1	3740.3	3471.3	3199.0	2927.6	2667.8
-32.5°	4892.5	4693.2	4478.9	4250.1	4009.4	3763.0	3513.0	3259.1	3003.6	2757.0	2511.4
-35°	4547.5	4363.5	4164.8	3955.7	3737.1	3510.7	3278.2	3043.0	2809.6	2578.7	2348.0
-37.5°	4199.3	4031.3	3851.2	3659.8	3461.2	3254.3	3042.4	2827.7	2610.7	2397.1	2184.3
-40°	3859.9	3704.4	3538.1	3364.3	3187.0	3000.3	2807.7	2609.3	2412.5	2214.1	2017.9
-42.5°	3528.0	3384.3	3231.8	3079.8	2917.2	2747.7	2571.7	2393.4	2212.2	2031.8	1858.3
-45°	3194.9	3067.1	2935.3	2797.0	2647.9	2496.6	2338.8	2177.0	2012.1	1855.7	1696.9
-47.5°	2863.7	2760.1	2642.5	2517.0	2386.5	2249.4	2108.7	1960.9	1823.9	1681.6	1546.3
-50°	2562.4	2466.7	2360.9	2247.4	2133.5	2010.7	1887.1	1764.2	1640.3	1517.7	1398.6
-52.5°	2265.7	2182.2	2090.4	1991.6	1889.2	1783.2	1675.2	1573.0	1463.6	1363.6	1264.2
-55°	1977.9	1908.2	1829.0	1742.1	1652.1	1570.5	1481.6	1392.6	1308.6	1220.2	1138.0
-57.5°	1707.8	1648.8	1585.7	1518.3	1446.9	1376.6	1305.5	1232.1	1162.4	1089.6	1014.9
-60°	1464.1	1416.1	1367.8	1315.0	1257.5	1197.3	1142.5	1084.1	1022.5	962.7	896.8
-62.5°	1244.3	1212.1	1170.1	1127.5	1083.9	1039.1	990.8	942.8	894.0	841.3	781.1
-65°	1037.0	1011.6	980.7	951.2	919.2	884.2	844.9	805.8	765.0	720.2	666.8
-67.5°	848.3	830.7	809.4	786.7	763.7	736.8	706.0	672.3	639.0	601.7	559.6
-70°	688.8	677.5	662.4	643.6	625.1	605.7	582.8	555.2	522.9	489.3	458.6
-72.5°	559.8	552.6	542.5	528.7	512.3	494.8	473.4	448.3	420.6	390.1	362.6
-75°	453.5	450.3	443.9	429.8	412.9	393.1	372.5	349.8	323.3	292.8	266.7
-77.5°	359.7	360.1	357.2	341.8	324.9	306.5	285.5	259.6	233.8	207.6	187.7
-80°	264.1	265.9	264.1	248.7	233.1	217.4	200.7	179.2	157.5	136.8	121.3
-82.5°	163.8	163.1	160.7	151.5	142.2	132.8	122.9	108.2	93.8	79.8	67.5
-85°	78.0	75.0	71.7	68.3	64.7	61.0	56.9	49.9	43.3	37.3	32.1
-87.5°	12.8	12.6	12.3	12.1	11.8	11.5	11.1	10.8	10.4	10.0	9.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627061 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-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°	9.8	9.8	9.8	9.7	8.7	7.6	6.7	5.7	5.2	4.7	4.1
85°	32.2	31.4	29.7	26.9	21.2	15.3	13.3	11.5	10.4	9.3	8.2
82.5°	67.3	68.0	67.9	65.9	58.1	50.0	41.4	32.6	24.1	15.3	12.2
80°	121.5	120.2	117.3	111.8	99.1	84.7	73.8	62.6	51.6	40.2	28.2
77.5°	183.7	178.5	172.0	164.8	151.3	135.4	117.1	96.5	79.0	64.9	50.2
75°	253.2	244.9	235.9	223.7	206.4	186.5	166.5	142.4	115.6	90.3	72.0
72.5°	340.4	320.2	302.1	285.1	266.3	244.1	218.6	187.5	154.9	124.2	95.4
70°	428.7	398.4	371.3	348.1	325.5	302.3	274.2	235.9	193.6	157.4	123.5
67.5°	518.4	482.5	446.2	411.5	383.0	355.6	328.5	284.0	235.5	189.9	150.9
65°	617.4	569.5	523.4	480.5	441.7	407.5	375.8	329.1	276.3	224.9	177.6
62.5°	719.3	658.2	603.7	549.0	500.6	459.1	420.9	369.4	315.2	258.8	205.5
60°	826.5	756.9	684.5	620.6	561.3	508.7	462.4	409.1	351.6	291.4	233.1
57.5°	939.3	857.6	776.1	695.4	624.2	561.1	502.9	446.8	387.4	323.5	258.9
55°	1053.6	965.5	869.3	778.3	690.9	615.9	545.7	483.0	421.9	355.1	281.2
52.5°	1168.0	1071.3	968.0	862.9	765.2	671.2	592.8	518.2	453.8	386.0	304.4
50°	1287.8	1176.8	1066.2	952.7	839.0	736.0	638.2	558.6	484.7	415.3	326.3
47.5°	1412.5	1288.8	1165.6	1041.6	919.7	798.0	691.4	598.2	514.5	441.9	346.8
45°	1549.0	1404.5	1268.1	1134.0	996.1	865.1	745.1	636.1	548.4	462.6	365.6
42.5°	1685.5	1526.6	1374.2	1224.9	1076.1	931.7	796.0	680.6	580.7	482.4	383.0
40°	1830.7	1649.1	1480.2	1318.2	1154.2	995.0	852.5	724.1	611.1	502.9	399.4
37.5°	1971.9	1774.7	1589.0	1407.3	1230.8	1063.4	906.7	764.8	639.8	526.0	415.0
35°	2121.3	1900.8	1689.7	1497.0	1309.5	1128.2	957.6	805.9	672.9	548.5	429.7
32.5°	2265.6	2024.2	1797.7	1585.4	1384.8	1189.4	1009.8	849.3	704.8	570.3	443.4
30°	2407.5	2148.0	1901.3	1669.0	1457.7	1253.5	1062.2	890.0	735.2	591.4	457.1
27.5°	2538.3	2262.6	2000.5	1755.4	1529.3	1314.3	1111.7	927.7	764.1	613.0	473.0
25°	2660.1	2373.0	2098.3	1838.6	1595.8	1371.9	1157.3	962.6	793.5	635.6	487.8
22.5°	2774.5	2475.4	2187.0	1915.2	1657.4	1424.8	1201.7	999.7	821.3	656.5	501.4
20°	2878.4	2567.7	2266.4	1984.7	1717.3	1475.3	1244.5	1033.0	846.2	675.3	513.6
17.5°	2972.0	2652.0	2342.2	2049.6	1773.1	1520.1	1282.5	1062.4	868.0	692.2	524.3
15°	3058.9	2728.7	2409.2	2106.2	1821.4	1559.1	1315.5	1087.7	886.7	706.8	534.6
12.5°	3133.5	2794.4	2466.0	2154.4	1862.0	1592.1	1343.5	1108.9	902.3	720.0	544.2
10°	3195.0	2848.8	2512.4	2193.7	1895.0	1619.0	1366.2	1126.7	916.8	731.5	551.6
7.5°	3242.9	2891.3	2548.2	2224.1	1921.0	1641.5	1385.5	1142.2	928.6	740.2	556.8
5°	3279.1	2924.5	2579.3	2249.6	1945.1	1659.6	1399.6	1153.2	937.1	746.3	559.8
2.5°	3311.3	2949.4	2603.8	2266.1	1961.4	1671.4	1408.1	1159.9	942.3	749.5	560.5
0°	3329.5	2961.5	2617.3	2273.1	1969.8	1676.7	1410.9	1162.1	944.0	749.7	558.9
-2.5°	3311.3	2949.4	2603.8	2266.1	1961.4	1671.4	1408.1	1159.9	942.3	749.5	560.5
-5°	3279.1	2924.5	2579.3	2249.6	1945.1	1659.6	1399.6	1153.2	937.1	746.3	559.8
-7.5°	3242.9	2891.3	2548.2	2224.1	1921.0	1641.5	1385.5	1142.2	928.6	740.2	556.8
-10°	3195.0	2848.8	2512.4	2193.7	1895.0	1619.0	1366.2	1126.7	916.8	731.5	551.6
-12.5°	3133.5	2794.4	2466.0	2154.4	1862.0	1592.1	1343.5	1108.9	902.3	720.0	544.2
-15°	3058.9	2728.7	2409.2	2106.2	1821.4	1559.1	1315.5	1087.7	886.7	706.8	534.6
-17.5°	2972.0	2652.0	2342.2	2049.6	1773.1	1520.1	1282.5	1062.4	868.0	692.2	524.3
-20°	2878.4	2567.7	2266.4	1984.7	1717.3	1475.3	1244.5	1033.0	846.2	675.3	513.6



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CATALOG NUMBER: GFLD-SA2E-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°	2774.5	2475.4	2187.0	1915.2	1657.4	1424.8	1201.7	999.7	821.3	656.5	501.4
-25°	2660.1	2373.0	2098.3	1838.6	1595.8	1371.9	1157.3	962.6	793.5	635.6	487.8
-27.5°	2538.3	2262.6	2000.5	1755.4	1529.3	1314.3	1111.7	927.7	764.1	613.0	473.0
-30°	2407.5	2148.0	1901.3	1669.0	1457.7	1253.5	1062.2	890.0	735.2	591.4	457.1
-32.5°	2265.6	2024.2	1797.7	1585.4	1384.8	1189.4	1009.8	849.3	704.8	570.3	443.4
-35°	2121.3	1900.8	1689.7	1497.0	1309.5	1128.2	957.6	805.9	672.9	548.5	429.7
-37.5°	1971.9	1774.7	1589.0	1407.3	1230.8	1063.4	906.7	764.8	639.8	526.0	415.0
-40°	1830.7	1649.1	1480.2	1318.2	1154.2	995.0	852.5	724.1	611.1	502.9	399.4
-42.5°	1685.5	1526.6	1374.2	1224.9	1076.1	931.7	796.0	680.6	580.7	482.4	383.0
-45°	1549.0	1404.5	1268.1	1134.0	996.1	865.1	745.1	636.1	548.4	462.6	365.6
-47.5°	1412.5	1288.8	1165.6	1041.6	919.7	798.0	691.4	598.2	514.5	441.9	346.8
-50°	1287.8	1176.8	1066.2	952.7	839.0	736.0	638.2	558.6	484.7	415.3	326.3
-52.5°	1168.0	1071.3	968.0	862.9	765.2	671.2	592.8	518.2	453.8	386.0	304.4
-55°	1053.6	965.5	869.3	778.3	690.9	615.9	545.7	483.0	421.9	355.1	281.2
-57.5°	939.3	857.6	776.1	695.4	624.2	561.1	502.9	446.8	387.4	323.5	258.9
-60°	826.5	756.9	684.5	620.6	561.3	508.7	462.4	409.1	351.6	291.4	233.1
-62.5°	719.3	658.2	603.7	549.0	500.6	459.1	420.9	369.4	315.2	258.8	205.5
-65°	617.4	569.5	523.4	480.5	441.7	407.5	375.8	329.1	276.3	224.9	177.6
-67.5°	518.4	482.5	446.2	411.5	383.0	355.6	328.5	284.0	235.5	189.9	150.9
-70°	428.7	398.4	371.3	348.1	325.5	302.3	274.2	235.9	193.6	157.4	123.5
-72.5°	340.4	320.2	302.1	285.1	266.3	244.1	218.6	187.5	154.9	124.2	95.4
-75°	253.2	244.9	235.9	223.7	206.4	186.5	166.5	142.4	115.6	90.3	72.0
-77.5°	183.7	178.5	172.0	164.8	151.3	135.4	117.1	96.5	79.0	64.9	50.2
-80°	121.5	120.2	117.3	111.8	99.1	84.7	73.8	62.6	51.6	40.2	28.2
-82.5°	67.3	68.0	67.9	65.9	58.1	50.0	41.4	32.6	24.1	15.3	12.2
-85°	32.2	31.4	29.7	26.9	21.2	15.3	13.3	11.5	10.4	9.3	8.2
-87.5°	9.8	9.8	9.8	9.7	8.7	7.6	6.7	5.7	5.2	4.7	4.1
-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: P627061 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	2.9	2.4	1.8	1.2	0.5	0.0
85°	7.0	5.9	4.7	3.5	2.4	1.0	0.0
82.5°	10.5	8.8	7.1	5.3	3.5	1.6	0.0
80°	15.9	11.7	9.4	7.1	4.7	2.1	0.0
77.5°	34.6	18.4	11.7	8.8	5.8	2.6	0.0
75°	52.8	31.8	15.3	10.5	7.0	3.1	0.0
72.5°	70.6	44.9	24.4	12.2	8.1	3.6	0.0
70°	88.2	57.5	33.2	14.7	9.2	4.0	0.0
67.5°	109.5	69.6	41.6	20.1	10.2	4.5	0.0
65°	129.8	83.1	49.7	25.3	11.2	5.0	0.0
62.5°	149.1	97.9	57.3	30.3	12.2	5.4	0.0
60°	167.2	111.9	64.5	35.0	13.1	5.8	0.0
57.5°	186.4	125.0	74.1	39.5	15.8	6.2	0.0
55°	204.5	137.3	83.2	43.6	18.4	6.6	0.0
52.5°	221.3	148.9	91.7	47.4	20.9	7.0	0.0
50°	236.7	161.2	99.6	50.9	23.3	7.4	0.0
47.5°	251.1	172.5	106.7	54.6	25.5	7.7	0.0
45°	267.1	182.6	113.1	59.3	27.7	8.1	0.0
42.5°	281.8	191.7	118.8	63.6	29.7	8.4	0.0
40°	295.1	199.5	124.5	68.0	31.7	8.6	0.0
37.5°	307.0	206.3	130.2	72.3	33.5	8.9	0.0
35°	317.6	214.1	135.0	76.4	35.1	9.2	0.0
32.5°	327.3	221.9	139.1	80.1	36.7	9.4	0.0
30°	337.5	228.5	142.3	83.5	38.1	9.6	0.0
27.5°	346.6	234.0	147.2	86.6	39.4	9.7	0.0
25°	354.6	238.4	151.7	89.3	40.5	9.9	0.0
22.5°	361.4	242.8	155.8	91.8	41.5	10.0	0.0
20°	367.1	248.8	159.2	93.9	42.4	10.1	0.0
17.5°	374.2	253.8	162.1	95.6	43.1	10.2	0.0
15°	381.5	257.6	164.5	97.1	43.7	10.3	0.0
12.5°	387.5	260.4	166.3	98.2	44.1	10.3	0.0
10°	392.0	262.1	167.5	99.0	44.4	10.3	0.0
7.5°	395.1	262.8	168.2	99.4	44.6	10.3	0.0
5°	396.7	262.5	168.3	99.5	44.6	10.3	0.0
2.5°	396.8	261.2	167.9	99.3	44.5	10.3	0.0
0°	395.3	259.0	167.0	98.8	44.3	10.2	0.0
-2.5°	396.8	261.2	167.9	99.3	44.5	10.3	0.0
-5°	396.7	262.5	168.3	99.5	44.6	10.3	0.0
-7.5°	395.1	262.8	168.2	99.4	44.6	10.3	0.0
-10°	392.0	262.1	167.5	99.0	44.4	10.3	0.0
-12.5°	387.5	260.4	166.3	98.2	44.1	10.3	0.0
-15°	381.5	257.6	164.5	97.1	43.7	10.3	0.0
-17.5°	374.2	253.8	162.1	95.6	43.1	10.2	0.0
-20°	367.1	248.8	159.2	93.9	42.4	10.1	0.0

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REPORT NUMBER: P627061 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	361.4	242.8	155.8	91.8	41.5	10.0	0.0
-25°	354.6	238.4	151.7	89.3	40.5	9.9	0.0
-27.5°	346.6	234.0	147.2	86.6	39.4	9.7	0.0
-30°	337.5	228.5	142.3	83.5	38.1	9.6	0.0
-32.5°	327.3	221.9	139.1	80.1	36.7	9.4	0.0
-35°	317.6	214.1	135.0	76.4	35.1	9.2	0.0
-37.5°	307.0	206.3	130.2	72.3	33.5	8.9	0.0
-40°	295.1	199.5	124.5	68.0	31.7	8.6	0.0
-42.5°	281.8	191.7	118.8	63.6	29.7	8.4	0.0
-45°	267.1	182.6	113.1	59.3	27.7	8.1	0.0
-47.5°	251.1	172.5	106.7	54.6	25.5	7.7	0.0
-50°	236.7	161.2	99.6	50.9	23.3	7.4	0.0
-52.5°	221.3	148.9	91.7	47.4	20.9	7.0	0.0
-55°	204.5	137.3	83.2	43.6	18.4	6.6	0.0
-57.5°	186.4	125.0	74.1	39.5	15.8	6.2	0.0
-60°	167.2	111.9	64.5	35.0	13.1	5.8	0.0
-62.5°	149.1	97.9	57.3	30.3	12.2	5.4	0.0
-65°	129.8	83.1	49.7	25.3	11.2	5.0	0.0
-67.5°	109.5	69.6	41.6	20.1	10.2	4.5	0.0
-70°	88.2	57.5	33.2	14.7	9.2	4.0	0.0
-72.5°	70.6	44.9	24.4	12.2	8.1	3.6	0.0
-75°	52.8	31.8	15.3	10.5	7.0	3.1	0.0
-77.5°	34.6	18.4	11.7	8.8	5.8	2.6	0.0
-80°	15.9	11.7	9.4	7.1	4.7	2.1	0.0
-82.5°	10.5	8.8	7.1	5.3	3.5	1.6	0.0
-85°	7.0	5.9	4.7	3.5	2.4	1.0	0.0
-87.5°	3.5	2.9	2.4	1.8	1.2	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)