

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: P626691 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-740-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626691 (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-SA1C-740-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N29
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

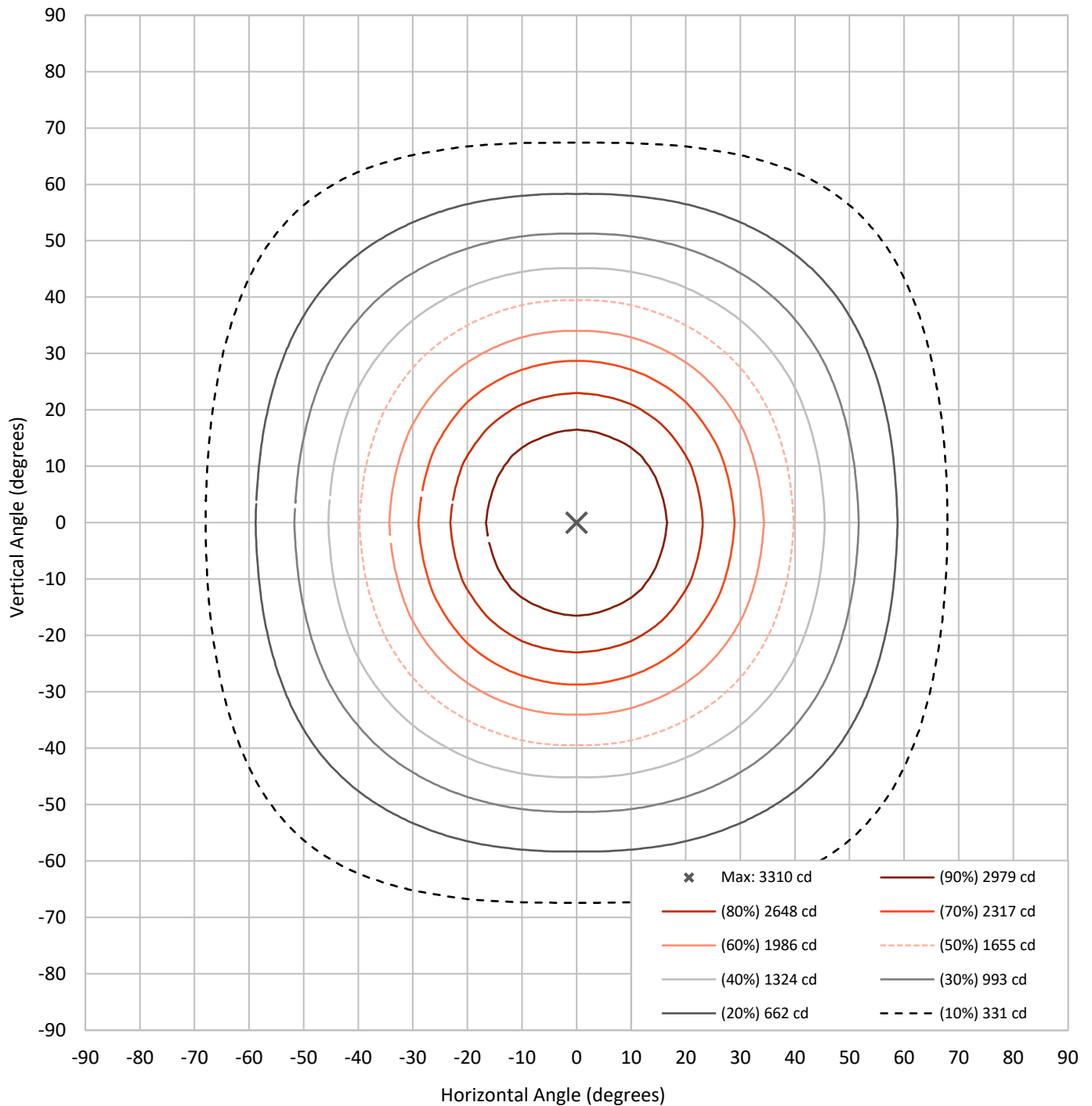
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	5982.5 lumens	Max Intensity:	3310 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	137.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	3508.8 lumens	Field Lumens:	5703.3 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	43.5		
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





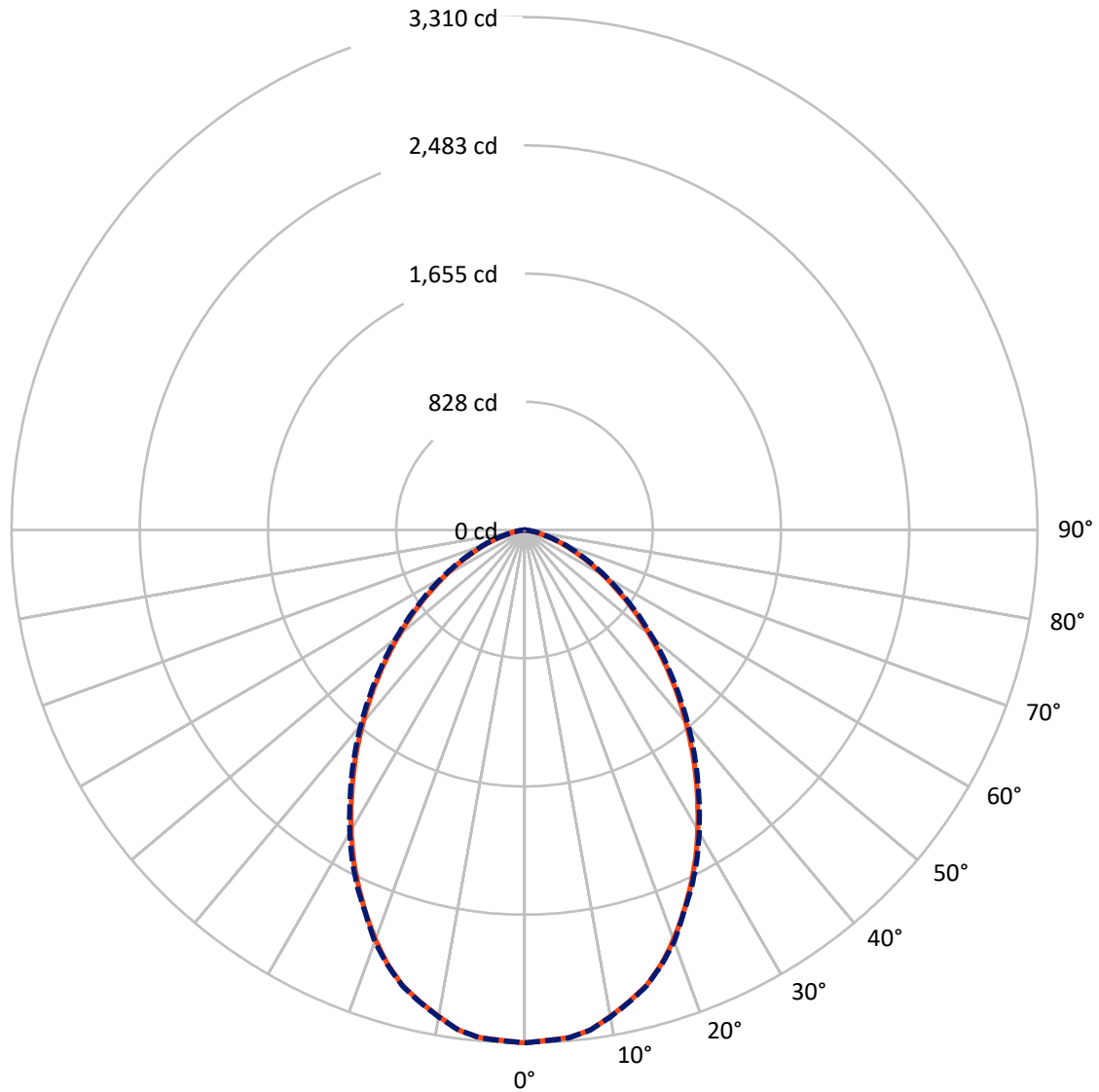
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Lumen Table

90																			
80	0.2	2.5		6.7		11.3		10.7		11.3		6.7		2.5		0.2			
70																			
60	1.1	1.5	3.1	5.3	7.7	10.0	11.7	12.5	12.5	11.7	10.0	7.7	5.3	3.1	1.5	1.1			
50		2.3	5.0	9.0	13.6	18.5	22.5	24.6	24.6	22.5	18.5	13.6	9.0	5.0	2.3				
40	2.0	3.1	7.3	13.4	21.3	29.5	36.4	40.1	40.1	36.4	29.5	21.3	13.4	7.3	3.1	2.0			
30		3.9	9.6	18.5	29.8	41.8	52.0	57.8	57.8	52.0	41.8	29.8	18.5	9.6	3.9				
20	2.5	4.7	11.9	23.2	37.9	53.8	67.7	75.7	75.7	67.7	53.8	37.9	23.2	11.9	4.7	2.5			
10		5.3	13.6	26.8	44.3	63.6	80.7	90.4	90.4	80.7	63.6	44.3	26.8	13.6	5.3				
0	2.7	5.6	14.5	28.8	47.8	69.0	87.7	97.9	97.9	87.7	69.0	47.8	28.8	14.5	5.6	2.7			
-10		5.6	14.5	28.8	47.8	69.0	87.7	97.9	97.9	87.7	69.0	47.8	28.8	14.5	5.6				
-20	2.5	5.3	13.6	26.8	44.3	63.6	80.7	90.4	90.4	80.7	63.6	44.3	26.8	13.6	5.3	2.5			
-30		4.7	11.9	23.2	37.9	53.8	67.7	75.7	75.7	67.7	53.8	37.9	23.2	11.9	4.7				
-40	2.0	3.9	9.6	18.5	29.8	41.8	52.0	57.8	57.8	52.0	41.8	29.8	18.5	9.6	3.9	2.0			
-50		3.1	7.3	13.4	21.3	29.5	36.4	40.1	40.1	36.4	29.5	21.3	13.4	7.3	3.1				
-60	1.1	2.3	5.0	9.0	13.6	18.5	22.5	24.6	24.6	22.5	18.5	13.6	9.0	5.0	2.3	1.1			
-70		1.5	3.1	5.3	7.7	10.0	11.7	12.5	12.5	11.7	10.0	7.7	5.3	3.1	1.5				
-80	0.2	2.5		6.7		11.3		10.7		11.3		6.7		2.5		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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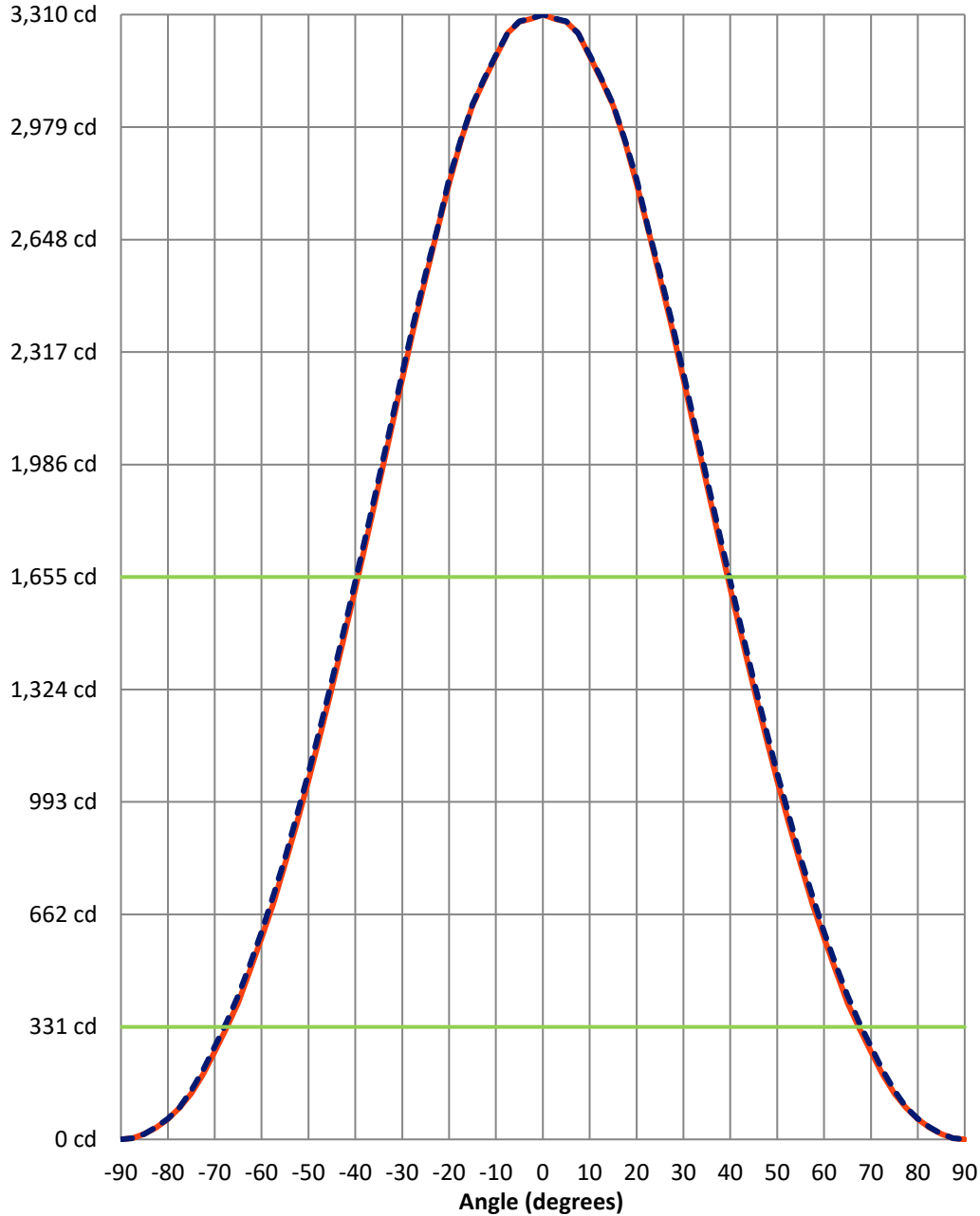
Luminous Intensity Polar Plot



— 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: 3508.8
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 5703.3
 Efficiency: 95.3%

Spill:
 Lumens: 279.2
 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	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
82.5°	0.0	0.6	1.3	2.0	2.6	3.2	3.9	4.5	5.6	8.8	11.9
80°	0.0	0.8	1.7	2.6	3.5	4.3	5.8	10.3	14.7	18.8	22.8
77.5°	0.0	0.9	2.1	3.2	4.3	6.7	12.6	18.3	23.6	28.8	35.1
75°	0.0	1.1	2.6	3.9	5.6	11.6	19.3	26.2	32.9	42.1	51.8
72.5°	0.0	1.3	3.0	4.5	8.9	16.4	25.7	34.8	45.2	56.4	68.3
70°	0.0	1.5	3.4	5.4	12.1	21.0	32.2	45.0	57.3	70.5	85.9
67.5°	0.0	1.6	3.7	7.4	15.2	25.4	39.9	55.0	69.1	85.8	103.4
65°	0.0	1.8	4.1	9.3	18.1	30.3	47.3	64.7	81.9	100.6	119.8
62.5°	0.0	2.0	4.5	11.1	20.9	35.7	54.3	74.8	94.2	114.8	134.5
60°	0.0	2.1	4.8	12.8	23.5	40.7	60.9	84.9	106.1	128.0	148.9
57.5°	0.0	2.3	5.8	14.4	27.0	45.5	67.9	94.3	117.8	141.0	162.6
55°	0.0	2.4	6.7	15.9	30.3	50.0	74.5	102.4	129.3	153.6	175.8
52.5°	0.0	2.6	7.6	17.3	33.4	54.2	80.6	110.8	140.5	165.2	188.6
50°	0.0	2.7	8.5	18.5	36.2	58.7	86.2	118.8	151.2	176.4	203.4
47.5°	0.0	2.8	9.3	19.9	38.8	62.8	91.4	126.2	160.9	187.3	217.8
45°	0.0	2.9	10.1	21.6	41.2	66.5	97.3	133.1	168.4	199.6	231.6
42.5°	0.0	3.1	10.8	23.1	43.2	69.8	102.6	139.4	175.6	211.4	247.8
40°	0.0	3.2	11.5	24.7	45.3	72.7	107.5	145.4	183.1	222.5	263.6
37.5°	0.0	3.2	12.2	26.3	47.4	75.1	111.8	151.1	191.5	233.0	278.4
35°	0.0	3.3	12.8	27.8	49.2	78.0	115.6	156.4	199.7	245.0	293.4
32.5°	0.0	3.4	13.4	29.1	50.6	80.8	119.2	161.4	207.6	256.6	309.2
30°	0.0	3.5	13.9	30.4	51.8	83.2	122.8	166.4	215.3	267.7	324.0
27.5°	0.0	3.5	14.3	31.5	53.6	85.2	126.2	172.2	223.2	278.2	337.7
25°	0.0	3.6	14.7	32.5	55.3	86.8	129.1	177.6	231.4	288.9	350.4
22.5°	0.0	3.6	15.1	33.4	56.7	88.4	131.6	182.5	239.0	299.0	364.0
20°	0.0	3.7	15.4	34.2	58.0	90.6	133.6	187.0	245.9	308.1	376.1
17.5°	0.0	3.7	15.7	34.8	59.1	92.4	136.2	190.9	252.0	316.0	386.8
15°	0.0	3.7	15.9	35.4	59.9	93.8	138.9	194.6	257.3	322.8	396.0
12.5°	0.0	3.7	16.0	35.8	60.6	94.8	141.0	198.1	262.1	328.5	403.7
10°	0.0	3.8	16.2	36.0	61.0	95.4	142.7	200.8	266.3	333.8	410.2
7.5°	0.0	3.8	16.2	36.2	61.2	95.7	143.8	202.7	269.5	338.1	415.8
5°	0.0	3.7	16.2	36.3	61.3	95.6	144.4	203.8	271.6	341.2	419.9
2.5°	0.0	3.7	16.2	36.2	61.1	95.1	144.4	204.1	272.8	343.1	422.3
0°	0.0	3.7	16.1	36.0	60.8	94.3	143.9	203.5	272.9	343.7	423.1
-2.5°	0.0	3.7	16.2	36.2	61.1	95.1	144.4	204.1	272.8	343.1	422.3
-5°	0.0	3.7	16.2	36.3	61.3	95.6	144.4	203.8	271.6	341.2	419.9
-7.5°	0.0	3.8	16.2	36.2	61.2	95.7	143.8	202.7	269.5	338.1	415.8
-10°	0.0	3.8	16.2	36.0	61.0	95.4	142.7	200.8	266.3	333.8	410.2
-12.5°	0.0	3.7	16.0	35.8	60.6	94.8	141.0	198.1	262.1	328.5	403.7
-15°	0.0	3.7	15.9	35.4	59.9	93.8	138.9	194.6	257.3	322.8	396.0
-17.5°	0.0	3.7	15.7	34.8	59.1	92.4	136.2	190.9	252.0	316.0	386.8
-20°	0.0	3.7	15.4	34.2	58.0	90.6	133.6	187.0	245.9	308.1	376.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1C-740-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	3.6	15.1	33.4	56.7	88.4	131.6	182.5	239.0	299.0	364.0
-25°	0.0	3.6	14.7	32.5	55.3	86.8	129.1	177.6	231.4	288.9	350.4
-27.5°	0.0	3.5	14.3	31.5	53.6	85.2	126.2	172.2	223.2	278.2	337.7
-30°	0.0	3.5	13.9	30.4	51.8	83.2	122.8	166.4	215.3	267.7	324.0
-32.5°	0.0	3.4	13.4	29.1	50.6	80.8	119.2	161.4	207.6	256.6	309.2
-35°	0.0	3.3	12.8	27.8	49.2	78.0	115.6	156.4	199.7	245.0	293.4
-37.5°	0.0	3.2	12.2	26.3	47.4	75.1	111.8	151.1	191.5	233.0	278.4
-40°	0.0	3.2	11.5	24.7	45.3	72.7	107.5	145.4	183.1	222.5	263.6
-42.5°	0.0	3.1	10.8	23.1	43.2	69.8	102.6	139.4	175.6	211.4	247.8
-45°	0.0	2.9	10.1	21.6	41.2	66.5	97.3	133.1	168.4	199.6	231.6
-47.5°	0.0	2.8	9.3	19.9	38.8	62.8	91.4	126.2	160.9	187.3	217.8
-50°	0.0	2.7	8.5	18.5	36.2	58.7	86.2	118.8	151.2	176.4	203.4
-52.5°	0.0	2.6	7.6	17.3	33.4	54.2	80.6	110.8	140.5	165.2	188.6
-55°	0.0	2.4	6.7	15.9	30.3	50.0	74.5	102.4	129.3	153.6	175.8
-57.5°	0.0	2.3	5.8	14.4	27.0	45.5	67.9	94.3	117.8	141.0	162.6
-60°	0.0	2.1	4.8	12.8	23.5	40.7	60.9	84.9	106.1	128.0	148.9
-62.5°	0.0	2.0	4.5	11.1	20.9	35.7	54.3	74.8	94.2	114.8	134.5
-65°	0.0	1.8	4.1	9.3	18.1	30.3	47.3	64.7	81.9	100.6	119.8
-67.5°	0.0	1.6	3.7	7.4	15.2	25.4	39.9	55.0	69.1	85.8	103.4
-70°	0.0	1.5	3.4	5.4	12.1	21.0	32.2	45.0	57.3	70.5	85.9
-72.5°	0.0	1.3	3.0	4.5	8.9	16.4	25.7	34.8	45.2	56.4	68.3
-75°	0.0	1.1	2.6	3.9	5.6	11.6	19.3	26.2	32.9	42.1	51.8
-77.5°	0.0	0.9	2.1	3.2	4.3	6.7	12.6	18.3	23.6	28.8	35.1
-80°	0.0	0.8	1.7	2.6	3.5	4.3	5.8	10.3	14.7	18.8	22.8
-82.5°	0.0	0.6	1.3	2.0	2.6	3.2	3.9	4.5	5.6	8.8	11.9
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-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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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°	2.4	2.8	3.2	3.6	3.6	3.6	3.6	3.5	3.7	3.8	4.0
85°	4.9	5.6	7.7	9.8	10.8	11.5	11.7	11.7	13.6	15.8	18.2
82.5°	15.1	18.2	21.2	24.0	24.7	24.7	24.5	24.6	29.1	34.2	39.4
80°	26.9	30.8	36.0	40.7	42.7	43.8	44.2	44.2	49.8	57.3	65.3
77.5°	42.6	49.3	55.1	60.0	62.6	65.0	66.9	68.4	75.6	85.1	94.5
75°	60.6	67.9	75.1	81.5	85.9	89.2	92.2	97.1	106.6	117.7	127.3
72.5°	79.6	88.9	97.0	103.8	110.0	116.6	123.9	132.0	142.0	153.1	163.2
70°	99.8	110.1	118.5	126.7	135.2	145.0	156.1	166.9	178.1	190.4	202.1
67.5°	119.6	129.5	139.4	149.8	162.5	175.6	188.7	203.7	219.0	232.6	244.7
65°	136.8	148.3	160.8	174.9	190.6	207.3	224.7	242.7	262.1	278.4	293.3
62.5°	153.2	167.1	182.2	199.9	219.8	239.6	261.8	284.3	306.2	325.5	343.2
60°	168.3	185.2	204.3	225.9	249.2	275.5	300.8	326.4	350.5	372.2	394.7
57.5°	183.0	204.2	227.2	253.1	282.5	312.1	341.9	369.5	396.7	423.2	448.5
55°	198.6	224.2	251.5	283.3	316.4	351.5	383.5	414.3	444.2	476.4	507.0
52.5°	215.8	244.3	278.5	314.1	352.4	390.0	425.2	460.2	496.4	532.9	572.6
50°	232.3	267.9	305.4	346.8	388.1	428.4	468.8	509.1	552.5	597.1	642.2
47.5°	251.7	290.5	334.8	379.2	424.4	469.2	514.2	562.9	612.1	663.9	713.9
45°	271.3	314.9	362.6	412.8	461.7	511.3	563.9	617.7	675.5	732.5	792.5
42.5°	289.8	339.2	391.8	446.0	500.3	555.7	613.6	676.5	739.6	805.3	871.3
40°	310.4	362.2	420.2	479.9	538.8	600.3	666.4	734.6	806.0	878.3	949.9
37.5°	330.1	387.1	448.0	512.3	578.5	646.0	717.8	795.2	872.6	950.4	1029.3
35°	348.6	410.7	476.7	545.0	615.1	692.0	772.2	854.8	938.7	1022.8	1107.7
32.5°	367.6	432.9	504.1	577.2	654.4	736.8	824.8	914.2	1003.6	1093.4	1186.4
30°	386.7	456.3	530.6	607.6	692.1	781.9	876.4	971.2	1065.8	1164.5	1263.6
27.5°	404.7	478.4	556.7	639.1	728.2	823.7	924.0	1025.6	1127.5	1232.5	1338.2
25°	421.3	499.4	581.0	669.3	763.9	863.9	968.4	1074.4	1186.1	1298.5	1408.9
22.5°	437.5	518.7	603.4	697.2	796.2	901.2	1010.0	1121.9	1238.7	1359.4	1473.7
20°	453.0	537.0	625.2	722.5	825.1	934.7	1047.8	1165.0	1287.5	1411.5	1534.4
17.5°	466.9	553.4	645.5	746.1	852.7	965.4	1081.9	1202.9	1330.9	1459.4	1589.6
15°	478.9	567.6	663.1	766.7	877.0	993.3	1113.5	1238.0	1369.3	1503.0	1638.4
12.5°	489.1	579.6	677.9	784.3	897.7	1017.3	1140.7	1269.5	1404.4	1541.9	1681.2
10°	497.3	589.4	689.8	798.6	914.7	1037.0	1163.1	1295.5	1434.5	1574.9	1717.2
7.5°	504.4	597.5	699.3	809.6	927.7	1052.5	1180.5	1315.9	1458.4	1600.7	1746.1
5°	509.5	604.2	708.1	818.9	939.0	1064.6	1193.7	1330.3	1475.9	1619.1	1767.0
2.5°	512.6	608.5	714.0	824.9	947.9	1073.7	1205.5	1343.1	1488.7	1633.6	1782.8
0°	513.6	610.4	717.1	827.5	952.8	1078.1	1212.1	1349.8	1494.9	1642.6	1792.7
-2.5°	512.6	608.5	714.0	824.9	947.9	1073.7	1205.5	1343.1	1488.7	1633.6	1782.8
-5°	509.5	604.2	708.1	818.9	939.0	1064.6	1193.7	1330.3	1475.9	1619.1	1767.0
-7.5°	504.4	597.5	699.3	809.6	927.7	1052.5	1180.5	1315.9	1458.4	1600.7	1746.1
-10°	497.3	589.4	689.8	798.6	914.7	1037.0	1163.1	1295.5	1434.5	1574.9	1717.2
-12.5°	489.1	579.6	677.9	784.3	897.7	1017.3	1140.7	1269.5	1404.4	1541.9	1681.2
-15°	478.9	567.6	663.1	766.7	877.0	993.3	1113.5	1238.0	1369.3	1503.0	1638.4
-17.5°	466.9	553.4	645.5	746.1	852.7	965.4	1081.9	1202.9	1330.9	1459.4	1589.6
-20°	453.0	537.0	625.2	722.5	825.1	934.7	1047.8	1165.0	1287.5	1411.5	1534.4



REPORT NUMBER: P626691 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	437.5	518.7	603.4	697.2	796.2	901.2	1010.0	1121.9	1238.7	1359.4	1473.7
-25°	421.3	499.4	581.0	669.3	763.9	863.9	968.4	1074.4	1186.1	1298.5	1408.9
-27.5°	404.7	478.4	556.7	639.1	728.2	823.7	924.0	1025.6	1127.5	1232.5	1338.2
-30°	386.7	456.3	530.6	607.6	692.1	781.9	876.4	971.2	1065.8	1164.5	1263.6
-32.5°	367.6	432.9	504.1	577.2	654.4	736.8	824.8	914.2	1003.6	1093.4	1186.4
-35°	348.6	410.7	476.7	545.0	615.1	692.0	772.2	854.8	938.7	1022.8	1107.7
-37.5°	330.1	387.1	448.0	512.3	578.5	646.0	717.8	795.2	872.6	950.4	1029.3
-40°	310.4	362.2	420.2	479.9	538.8	600.3	666.4	734.6	806.0	878.3	949.9
-42.5°	289.8	339.2	391.8	446.0	500.3	555.7	613.6	676.5	739.6	805.3	871.3
-45°	271.3	314.9	362.6	412.8	461.7	511.3	563.9	617.7	675.5	732.5	792.5
-47.5°	251.7	290.5	334.8	379.2	424.4	469.2	514.2	562.9	612.1	663.9	713.9
-50°	232.3	267.9	305.4	346.8	388.1	428.4	468.8	509.1	552.5	597.1	642.2
-52.5°	215.8	244.3	278.5	314.1	352.4	390.0	425.2	460.2	496.4	532.9	572.6
-55°	198.6	224.2	251.5	283.3	316.4	351.5	383.5	414.3	444.2	476.4	507.0
-57.5°	183.0	204.2	227.2	253.1	282.5	312.1	341.9	369.5	396.7	423.2	448.5
-60°	168.3	185.2	204.3	225.9	249.2	275.5	300.8	326.4	350.5	372.2	394.7
-62.5°	153.2	167.1	182.2	199.9	219.8	239.6	261.8	284.3	306.2	325.5	343.2
-65°	136.8	148.3	160.8	174.9	190.6	207.3	224.7	242.7	262.1	278.4	293.3
-67.5°	119.6	129.5	139.4	149.8	162.5	175.6	188.7	203.7	219.0	232.6	244.7
-70°	99.8	110.1	118.5	126.7	135.2	145.0	156.1	166.9	178.1	190.4	202.1
-72.5°	79.6	88.9	97.0	103.8	110.0	116.6	123.9	132.0	142.0	153.1	163.2
-75°	60.6	67.9	75.1	81.5	85.9	89.2	92.2	97.1	106.6	117.7	127.3
-77.5°	42.6	49.3	55.1	60.0	62.6	65.0	66.9	68.4	75.6	85.1	94.5
-80°	26.9	30.8	36.0	40.7	42.7	43.8	44.2	44.2	49.8	57.3	65.3
-82.5°	15.1	18.2	21.2	24.0	24.7	24.7	24.5	24.6	29.1	34.2	39.4
-85°	4.9	5.6	7.7	9.8	10.8	11.5	11.7	11.7	13.6	15.8	18.2
-87.5°	2.4	2.8	3.2	3.6	3.6	3.6	3.6	3.5	3.7	3.8	4.0
-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: P626691 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.6	4.3
85°	20.8	22.2	23.6	24.9	26.1	27.3	28.4	29.5	30.4	27.8	24.9
82.5°	44.8	48.4	51.8	55.2	58.5	59.4	59.6	59.5	59.0	54.4	49.3
80°	73.1	79.1	84.9	90.6	96.2	96.8	96.2	95.0	93.4	87.3	80.4
77.5°	103.9	111.6	118.3	124.4	130.0	131.1	130.9	130.7	130.2	124.0	116.5
75°	135.6	143.1	150.3	156.5	161.6	164.0	165.1	165.9	166.4	161.9	156.1
72.5°	172.3	180.1	186.5	192.5	197.5	201.1	203.8	205.7	207.1	205.7	203.4
70°	212.2	220.5	227.5	234.3	241.1	246.6	250.7	253.8	255.7	256.9	257.8
67.5°	257.0	268.2	278.0	286.4	294.7	302.4	308.8	314.0	318.0	321.4	324.1
65°	307.5	321.9	334.6	346.3	357.0	368.3	377.5	385.3	391.5	396.6	400.8
62.5°	360.7	378.3	394.6	410.4	426.0	441.3	453.0	463.7	473.2	481.3	487.8
60°	415.9	435.9	457.8	478.7	498.0	515.6	533.0	548.1	561.1	571.8	580.5
57.5°	475.3	501.1	526.7	552.7	577.2	600.2	621.7	640.6	656.7	669.8	680.9
55°	539.4	571.7	601.4	634.2	665.8	694.6	720.0	742.3	761.6	777.8	791.5
52.5°	609.8	649.1	687.8	725.0	761.0	794.4	824.8	850.8	873.9	893.7	909.5
50°	687.0	732.0	776.7	818.1	859.4	898.0	932.8	963.0	989.8	1013.1	1031.4
47.5°	767.7	818.9	868.8	916.3	962.0	1004.8	1042.5	1076.9	1110.4	1137.7	1159.3
45°	851.5	908.9	964.0	1018.2	1068.6	1116.6	1163.1	1205.9	1240.3	1270.4	1295.7
42.5°	936.2	1000.3	1062.0	1121.2	1176.5	1232.0	1284.4	1331.2	1370.4	1404.6	1433.3
40°	1022.1	1092.2	1160.2	1224.7	1288.0	1348.5	1405.1	1454.4	1498.7	1539.4	1573.3
37.5°	1107.5	1184.7	1260.0	1332.3	1402.0	1467.5	1528.7	1584.4	1634.4	1680.7	1718.3
35°	1193.3	1278.0	1360.5	1440.1	1516.1	1588.5	1655.5	1718.9	1777.7	1824.6	1863.1
32.5°	1278.9	1369.9	1459.6	1547.2	1630.5	1708.5	1781.1	1851.1	1911.6	1963.2	2007.4
30°	1361.6	1460.2	1557.9	1652.9	1742.9	1827.4	1907.7	1981.8	2046.9	2103.3	2152.9
27.5°	1442.8	1548.7	1653.5	1755.1	1852.3	1944.1	2031.8	2112.1	2183.2	2244.5	2296.8
25°	1519.5	1633.4	1745.1	1852.7	1956.6	2057.9	2152.6	2240.2	2316.1	2383.4	2437.2
22.5°	1592.9	1714.3	1831.7	1944.8	2056.0	2165.2	2268.8	2360.4	2440.8	2511.1	2570.6
20°	1661.2	1791.3	1911.4	2031.1	2148.1	2264.7	2376.0	2472.6	2557.7	2632.6	2698.1
17.5°	1725.0	1858.5	1984.9	2112.4	2235.7	2358.1	2471.1	2574.6	2666.4	2745.9	2814.6
15°	1779.1	1913.8	2051.9	2188.0	2318.1	2442.0	2554.9	2663.1	2765.0	2851.0	2920.6
12.5°	1822.8	1963.0	2107.1	2251.5	2389.1	2512.8	2631.1	2740.8	2847.8	2944.4	3008.4
10°	1860.1	2004.4	2153.2	2300.5	2439.9	2570.9	2699.4	2815.4	2920.5	3007.1	3078.6
7.5°	1892.4	2041.0	2192.1	2339.6	2478.6	2613.9	2746.2	2869.4	2975.6	3057.1	3120.8
5°	1916.2	2068.3	2222.3	2371.3	2512.1	2647.8	2780.8	2902.4	3006.1	3089.0	3158.5
2.5°	1933.2	2086.7	2241.9	2391.0	2535.0	2671.1	2807.3	2930.3	3030.7	3106.7	3173.3
0°	1944.1	2097.9	2254.2	2406.8	2548.2	2679.7	2826.1	2941.5	3045.7	3121.4	3190.9
-2.5°	1933.2	2086.7	2241.9	2391.0	2535.0	2671.1	2807.3	2930.3	3030.7	3106.7	3173.3
-5°	1916.2	2068.3	2222.3	2371.3	2512.1	2647.8	2780.8	2902.4	3006.1	3089.0	3158.5
-7.5°	1892.4	2041.0	2192.1	2339.6	2478.6	2613.9	2746.2	2869.4	2975.6	3057.1	3120.8
-10°	1860.1	2004.4	2153.2	2300.5	2439.9	2570.9	2699.4	2815.4	2920.5	3007.1	3078.6
-12.5°	1822.8	1963.0	2107.1	2251.5	2389.1	2512.8	2631.1	2740.8	2847.8	2944.4	3008.4
-15°	1779.1	1913.8	2051.9	2188.0	2318.1	2442.0	2554.9	2663.1	2765.0	2851.0	2920.6
-17.5°	1725.0	1858.5	1984.9	2112.4	2235.7	2358.1	2471.1	2574.6	2666.4	2745.9	2814.6
-20°	1661.2	1791.3	1911.4	2031.1	2148.1	2264.7	2376.0	2472.6	2557.7	2632.6	2698.1



REPORT NUMBER: P626691 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1592.9	1714.3	1831.7	1944.8	2056.0	2165.2	2268.8	2360.4	2440.8	2511.1	2570.6
-25°	1519.5	1633.4	1745.1	1852.7	1956.6	2057.9	2152.6	2240.2	2316.1	2383.4	2437.2
-27.5°	1442.8	1548.7	1653.5	1755.1	1852.3	1944.1	2031.8	2112.1	2183.2	2244.5	2296.8
-30°	1361.6	1460.2	1557.9	1652.9	1742.9	1827.4	1907.7	1981.8	2046.9	2103.3	2152.9
-32.5°	1278.9	1369.9	1459.6	1547.2	1630.5	1708.5	1781.1	1851.1	1911.6	1963.2	2007.4
-35°	1193.3	1278.0	1360.5	1440.1	1516.1	1588.5	1655.5	1718.9	1777.7	1824.6	1863.1
-37.5°	1107.5	1184.7	1260.0	1332.3	1402.0	1467.5	1528.7	1584.4	1634.4	1680.7	1718.3
-40°	1022.1	1092.2	1160.2	1224.7	1288.0	1348.5	1405.1	1454.4	1498.7	1539.4	1573.3
-42.5°	936.2	1000.3	1062.0	1121.2	1176.5	1232.0	1284.4	1331.2	1370.4	1404.6	1433.3
-45°	851.5	908.9	964.0	1018.2	1068.6	1116.6	1163.1	1205.9	1240.3	1270.4	1295.7
-47.5°	767.7	818.9	868.8	916.3	962.0	1004.8	1042.5	1076.9	1110.4	1137.7	1159.3
-50°	687.0	732.0	776.7	818.1	859.4	898.0	932.8	963.0	989.8	1013.1	1031.4
-52.5°	609.8	649.1	687.8	725.0	761.0	794.4	824.8	850.8	873.9	893.7	909.5
-55°	539.4	571.7	601.4	634.2	665.8	694.6	720.0	742.3	761.6	777.8	791.5
-57.5°	475.3	501.1	526.7	552.7	577.2	600.2	621.7	640.6	656.7	669.8	680.9
-60°	415.9	435.9	457.8	478.7	498.0	515.6	533.0	548.1	561.1	571.8	580.5
-62.5°	360.7	378.3	394.6	410.4	426.0	441.3	453.0	463.7	473.2	481.3	487.8
-65°	307.5	321.9	334.6	346.3	357.0	368.3	377.5	385.3	391.5	396.6	400.8
-67.5°	257.0	268.2	278.0	286.4	294.7	302.4	308.8	314.0	318.0	321.4	324.1
-70°	212.2	220.5	227.5	234.3	241.1	246.6	250.7	253.8	255.7	256.9	257.8
-72.5°	172.3	180.1	186.5	192.5	197.5	201.1	203.8	205.7	207.1	205.7	203.4
-75°	135.6	143.1	150.3	156.5	161.6	164.0	165.1	165.9	166.4	161.9	156.1
-77.5°	103.9	111.6	118.3	124.4	130.0	131.1	130.9	130.7	130.2	124.0	116.5
-80°	73.1	79.1	84.9	90.6	96.2	96.8	96.2	95.0	93.4	87.3	80.4
-82.5°	44.8	48.4	51.8	55.2	58.5	59.4	59.6	59.5	59.0	54.4	49.3
-85°	20.8	22.2	23.6	24.9	26.1	27.3	28.4	29.5	30.4	27.8	24.9
-87.5°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.6	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



REPORT NUMBER: P626691 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.8	4.8
85°	21.8	18.5	17.3	16.1	17.3	18.5	21.8	24.9	27.8	30.4	29.5
82.5°	43.9	38.4	36.6	34.7	36.6	38.4	43.9	49.3	54.4	59.0	59.5
80°	73.2	65.6	62.6	59.5	62.6	65.6	73.2	80.4	87.3	93.4	95.0
77.5°	108.6	100.3	96.7	93.0	96.7	100.3	108.6	116.5	124.0	130.2	130.7
75°	149.9	143.4	139.5	135.2	139.5	143.4	149.9	156.1	161.9	166.4	165.9
72.5°	200.6	197.5	194.6	191.1	194.6	197.5	200.6	203.4	205.7	207.1	205.7
70°	258.1	257.7	258.2	258.0	258.2	257.7	258.1	257.8	256.9	255.7	253.8
67.5°	325.4	325.5	326.9	327.5	326.9	325.5	325.4	324.1	321.4	318.0	314.0
65°	403.3	404.2	403.9	402.0	403.9	404.2	403.3	400.8	396.6	391.5	385.3
62.5°	492.4	495.1	496.6	496.2	496.6	495.1	492.4	487.8	481.3	473.2	463.7
60°	586.9	591.1	593.2	593.0	593.2	591.1	586.9	580.5	571.8	561.1	548.1
57.5°	689.1	694.5	695.7	693.5	695.7	694.5	689.1	680.9	669.8	656.7	640.6
55°	801.9	808.7	811.4	810.1	811.4	808.7	801.9	791.5	777.8	761.6	742.3
52.5°	921.0	928.5	931.1	929.2	931.1	928.5	921.0	909.5	893.7	873.9	850.8
50°	1044.9	1053.9	1057.5	1055.8	1057.5	1053.9	1044.9	1031.4	1013.1	989.8	963.0
47.5°	1176.3	1188.2	1192.9	1189.8	1192.9	1188.2	1176.3	1159.3	1137.7	1110.4	1076.9
45°	1314.6	1327.0	1331.8	1328.7	1331.8	1327.0	1314.6	1295.7	1270.4	1240.3	1205.9
42.5°	1455.3	1471.5	1478.3	1472.6	1478.3	1471.5	1455.3	1433.3	1404.6	1370.4	1331.2
40°	1598.5	1616.1	1624.2	1620.3	1624.2	1616.1	1598.5	1573.3	1539.4	1498.7	1454.4
37.5°	1745.5	1762.9	1771.5	1771.6	1771.5	1762.9	1745.5	1718.3	1680.7	1634.4	1584.4
35°	1892.9	1914.0	1926.0	1925.4	1926.0	1914.0	1892.9	1863.1	1824.6	1777.7	1718.9
32.5°	2042.4	2065.3	2077.6	2079.3	2077.6	2065.3	2042.4	2007.4	1963.2	1911.6	1851.1
30°	2191.7	2216.8	2231.0	2236.8	2231.0	2216.8	2191.7	2152.9	2103.3	2046.9	1981.8
27.5°	2336.5	2367.4	2388.8	2390.7	2388.8	2367.4	2336.5	2296.8	2244.5	2183.2	2112.1
25°	2476.7	2508.2	2530.1	2534.6	2530.1	2508.2	2476.7	2437.2	2383.4	2316.1	2240.2
22.5°	2614.8	2647.8	2668.1	2676.0	2668.1	2647.8	2614.8	2570.6	2511.1	2440.8	2360.4
20°	2746.7	2782.5	2803.9	2812.5	2803.9	2782.5	2746.7	2698.1	2632.6	2557.7	2472.6
17.5°	2866.0	2903.8	2930.3	2937.8	2930.3	2903.8	2866.0	2814.6	2745.9	2666.4	2574.6
15°	2971.1	3006.9	3032.1	3042.0	3032.1	3006.9	2971.1	2920.6	2851.0	2765.0	2663.1
12.5°	3056.6	3088.7	3108.3	3117.7	3108.3	3088.7	3056.6	3008.4	2944.4	2847.8	2740.8
10°	3123.4	3155.5	3174.3	3187.2	3174.3	3155.5	3123.4	3078.6	3007.1	2920.5	2815.4
7.5°	3181.3	3214.2	3237.3	3255.4	3237.3	3214.2	3181.3	3120.8	3057.1	2975.6	2869.4
5°	3213.4	3268.3	3276.6	3288.9	3276.6	3268.3	3213.4	3158.5	3089.0	3006.1	2902.4
2.5°	3237.8	3276.7	3300.2	3297.6	3300.2	3276.7	3237.8	3173.3	3106.7	3030.7	2930.3
0°	3255.4	3290.1	3298.8	3310.0	3298.8	3290.1	3255.4	3190.9	3121.4	3045.7	2941.5
-2.5°	3237.8	3276.7	3300.2	3297.6	3300.2	3276.7	3237.8	3173.3	3106.7	3030.7	2930.3
-5°	3213.4	3268.3	3276.6	3288.9	3276.6	3268.3	3213.4	3158.5	3089.0	3006.1	2902.4
-7.5°	3181.3	3214.2	3237.3	3255.4	3237.3	3214.2	3181.3	3120.8	3057.1	2975.6	2869.4
-10°	3123.4	3155.5	3174.3	3187.2	3174.3	3155.5	3123.4	3078.6	3007.1	2920.5	2815.4
-12.5°	3056.6	3088.7	3108.3	3117.7	3108.3	3088.7	3056.6	3008.4	2944.4	2847.8	2740.8
-15°	2971.1	3006.9	3032.1	3042.0	3032.1	3006.9	2971.1	2920.6	2851.0	2765.0	2663.1
-17.5°	2866.0	2903.8	2930.3	2937.8	2930.3	2903.8	2866.0	2814.6	2745.9	2666.4	2574.6
-20°	2746.7	2782.5	2803.9	2812.5	2803.9	2782.5	2746.7	2698.1	2632.6	2557.7	2472.6



REPORT NUMBER: P626691 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	2614.8	2647.8	2668.1	2676.0	2668.1	2647.8	2614.8	2570.6	2511.1	2440.8	2360.4
-25°	2476.7	2508.2	2530.1	2534.6	2530.1	2508.2	2476.7	2437.2	2383.4	2316.1	2240.2
-27.5°	2336.5	2367.4	2388.8	2390.7	2388.8	2367.4	2336.5	2296.8	2244.5	2183.2	2112.1
-30°	2191.7	2216.8	2231.0	2236.8	2231.0	2216.8	2191.7	2152.9	2103.3	2046.9	1981.8
-32.5°	2042.4	2065.3	2077.6	2079.3	2077.6	2065.3	2042.4	2007.4	1963.2	1911.6	1851.1
-35°	1892.9	1914.0	1926.0	1925.4	1926.0	1914.0	1892.9	1863.1	1824.6	1777.7	1718.9
-37.5°	1745.5	1762.9	1771.5	1771.6	1771.5	1762.9	1745.5	1718.3	1680.7	1634.4	1584.4
-40°	1598.5	1616.1	1624.2	1620.3	1624.2	1616.1	1598.5	1573.3	1539.4	1498.7	1454.4
-42.5°	1455.3	1471.5	1478.3	1472.6	1478.3	1471.5	1455.3	1433.3	1404.6	1370.4	1331.2
-45°	1314.6	1327.0	1331.8	1328.7	1331.8	1327.0	1314.6	1295.7	1270.4	1240.3	1205.9
-47.5°	1176.3	1188.2	1192.9	1189.8	1192.9	1188.2	1176.3	1159.3	1137.7	1110.4	1076.9
-50°	1044.9	1053.9	1057.5	1055.8	1057.5	1053.9	1044.9	1031.4	1013.1	989.8	963.0
-52.5°	921.0	928.5	931.1	929.2	931.1	928.5	921.0	909.5	893.7	873.9	850.8
-55°	801.9	808.7	811.4	810.1	811.4	808.7	801.9	791.5	777.8	761.6	742.3
-57.5°	689.1	694.5	695.7	693.5	695.7	694.5	689.1	680.9	669.8	656.7	640.6
-60°	586.9	591.1	593.2	593.0	593.2	591.1	586.9	580.5	571.8	561.1	548.1
-62.5°	492.4	495.1	496.6	496.2	496.6	495.1	492.4	487.8	481.3	473.2	463.7
-65°	403.3	404.2	403.9	402.0	403.9	404.2	403.3	400.8	396.6	391.5	385.3
-67.5°	325.4	325.5	326.9	327.5	326.9	325.5	325.4	324.1	321.4	318.0	314.0
-70°	258.1	257.7	258.2	258.0	258.2	257.7	258.1	257.8	256.9	255.7	253.8
-72.5°	200.6	197.5	194.6	191.1	194.6	197.5	200.6	203.4	205.7	207.1	205.7
-75°	149.9	143.4	139.5	135.2	139.5	143.4	149.9	156.1	161.9	166.4	165.9
-77.5°	108.6	100.3	96.7	93.0	96.7	100.3	108.6	116.5	124.0	130.2	130.7
-80°	73.2	65.6	62.6	59.5	62.6	65.6	73.2	80.4	87.3	93.4	95.0
-82.5°	43.9	38.4	36.6	34.7	36.6	38.4	43.9	49.3	54.4	59.0	59.5
-85°	21.8	18.5	17.3	16.1	17.3	18.5	21.8	24.9	27.8	30.4	29.5
-87.5°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.8	4.8
-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: P626691 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
85°	28.4	27.3	26.1	24.9	23.6	22.2	20.8	18.2	15.8	13.6	11.7
82.5°	59.6	59.4	58.5	55.2	51.8	48.4	44.8	39.4	34.2	29.1	24.6
80°	96.2	96.8	96.2	90.6	84.9	79.1	73.1	65.3	57.3	49.8	44.2
77.5°	130.9	131.1	130.0	124.4	118.3	111.6	103.9	94.5	85.1	75.6	68.4
75°	165.1	164.0	161.6	156.5	150.3	143.1	135.6	127.3	117.7	106.6	97.1
72.5°	203.8	201.1	197.5	192.5	186.5	180.1	172.3	163.2	153.1	142.0	132.0
70°	250.7	246.6	241.1	234.3	227.5	220.5	212.2	202.1	190.4	178.1	166.9
67.5°	308.8	302.4	294.7	286.4	278.0	268.2	257.0	244.7	232.6	219.0	203.7
65°	377.5	368.3	357.0	346.3	334.6	321.9	307.5	293.3	278.4	262.1	242.7
62.5°	453.0	441.3	426.0	410.4	394.6	378.3	360.7	343.2	325.5	306.2	284.3
60°	533.0	515.6	498.0	478.7	457.8	435.9	415.9	394.7	372.2	350.5	326.4
57.5°	621.7	600.2	577.2	552.7	526.7	501.1	475.3	448.5	423.2	396.7	369.5
55°	720.0	694.6	665.8	634.2	601.4	571.7	539.4	507.0	476.4	444.2	414.3
52.5°	824.8	794.4	761.0	725.0	687.8	649.1	609.8	572.6	532.9	496.4	460.2
50°	932.8	898.0	859.4	818.1	776.7	732.0	687.0	642.2	597.1	552.5	509.1
47.5°	1042.5	1004.8	962.0	916.3	868.8	818.9	767.7	713.9	663.9	612.1	562.9
45°	1163.1	1116.6	1068.6	1018.2	964.0	908.9	851.5	792.5	732.5	675.5	617.7
42.5°	1284.4	1232.0	1176.5	1121.2	1062.0	1000.3	936.2	871.3	805.3	739.6	676.5
40°	1405.1	1348.5	1288.0	1224.7	1160.2	1092.2	1022.1	949.9	878.3	806.0	734.6
37.5°	1528.7	1467.5	1402.0	1332.3	1260.0	1184.7	1107.5	1029.3	950.4	872.6	795.2
35°	1655.5	1588.5	1516.1	1440.1	1360.5	1278.0	1193.3	1107.7	1022.8	938.7	854.8
32.5°	1781.1	1708.5	1630.5	1547.2	1459.6	1369.9	1278.9	1186.4	1093.4	1003.6	914.2
30°	1907.7	1827.4	1742.9	1652.9	1557.9	1460.2	1361.6	1263.6	1164.5	1065.8	971.2
27.5°	2031.8	1944.1	1852.3	1755.1	1653.5	1548.7	1442.8	1338.2	1232.5	1127.5	1025.6
25°	2152.6	2057.9	1956.6	1852.7	1745.1	1633.4	1519.5	1408.9	1298.5	1186.1	1074.4
22.5°	2268.8	2165.2	2056.0	1944.8	1831.7	1714.3	1592.9	1473.7	1359.4	1238.7	1121.9
20°	2376.0	2264.7	2148.1	2031.1	1911.4	1791.3	1661.2	1534.4	1411.5	1287.5	1165.0
17.5°	2471.1	2358.1	2235.7	2112.4	1984.9	1858.5	1725.0	1589.6	1459.4	1330.9	1202.9
15°	2554.9	2442.0	2318.1	2188.0	2051.9	1913.8	1779.1	1638.4	1503.0	1369.3	1238.0
12.5°	2631.1	2512.8	2389.1	2251.5	2107.1	1963.0	1822.8	1681.2	1541.9	1404.4	1269.5
10°	2699.4	2570.9	2439.9	2300.5	2153.2	2004.4	1860.1	1717.2	1574.9	1434.5	1295.5
7.5°	2746.2	2613.9	2478.6	2339.6	2192.1	2041.0	1892.4	1746.1	1600.7	1458.4	1315.9
5°	2780.8	2647.8	2512.1	2371.3	2222.3	2068.3	1916.2	1767.0	1619.1	1475.9	1330.3
2.5°	2807.3	2671.1	2535.0	2391.0	2241.9	2086.7	1933.2	1782.8	1633.6	1488.7	1343.1
0°	2826.1	2679.7	2548.2	2406.8	2254.2	2097.9	1944.1	1792.7	1642.6	1494.9	1349.8
-2.5°	2807.3	2671.1	2535.0	2391.0	2241.9	2086.7	1933.2	1782.8	1633.6	1488.7	1343.1
-5°	2780.8	2647.8	2512.1	2371.3	2222.3	2068.3	1916.2	1767.0	1619.1	1475.9	1330.3
-7.5°	2746.2	2613.9	2478.6	2339.6	2192.1	2041.0	1892.4	1746.1	1600.7	1458.4	1315.9
-10°	2699.4	2570.9	2439.9	2300.5	2153.2	2004.4	1860.1	1717.2	1574.9	1434.5	1295.5
-12.5°	2631.1	2512.8	2389.1	2251.5	2107.1	1963.0	1822.8	1681.2	1541.9	1404.4	1269.5
-15°	2554.9	2442.0	2318.1	2188.0	2051.9	1913.8	1779.1	1638.4	1503.0	1369.3	1238.0
-17.5°	2471.1	2358.1	2235.7	2112.4	1984.9	1858.5	1725.0	1589.6	1459.4	1330.9	1202.9
-20°	2376.0	2264.7	2148.1	2031.1	1911.4	1791.3	1661.2	1534.4	1411.5	1287.5	1165.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2268.8	2165.2	2056.0	1944.8	1831.7	1714.3	1592.9	1473.7	1359.4	1238.7	1121.9
-25°	2152.6	2057.9	1956.6	1852.7	1745.1	1633.4	1519.5	1408.9	1298.5	1186.1	1074.4
-27.5°	2031.8	1944.1	1852.3	1755.1	1653.5	1548.7	1442.8	1338.2	1232.5	1127.5	1025.6
-30°	1907.7	1827.4	1742.9	1652.9	1557.9	1460.2	1361.6	1263.6	1164.5	1065.8	971.2
-32.5°	1781.1	1708.5	1630.5	1547.2	1459.6	1369.9	1278.9	1186.4	1093.4	1003.6	914.2
-35°	1655.5	1588.5	1516.1	1440.1	1360.5	1278.0	1193.3	1107.7	1022.8	938.7	854.8
-37.5°	1528.7	1467.5	1402.0	1332.3	1260.0	1184.7	1107.5	1029.3	950.4	872.6	795.2
-40°	1405.1	1348.5	1288.0	1224.7	1160.2	1092.2	1022.1	949.9	878.3	806.0	734.6
-42.5°	1284.4	1232.0	1176.5	1121.2	1062.0	1000.3	936.2	871.3	805.3	739.6	676.5
-45°	1163.1	1116.6	1068.6	1018.2	964.0	908.9	851.5	792.5	732.5	675.5	617.7
-47.5°	1042.5	1004.8	962.0	916.3	868.8	818.9	767.7	713.9	663.9	612.1	562.9
-50°	932.8	898.0	859.4	818.1	776.7	732.0	687.0	642.2	597.1	552.5	509.1
-52.5°	824.8	794.4	761.0	725.0	687.8	649.1	609.8	572.6	532.9	496.4	460.2
-55°	720.0	694.6	665.8	634.2	601.4	571.7	539.4	507.0	476.4	444.2	414.3
-57.5°	621.7	600.2	577.2	552.7	526.7	501.1	475.3	448.5	423.2	396.7	369.5
-60°	533.0	515.6	498.0	478.7	457.8	435.9	415.9	394.7	372.2	350.5	326.4
-62.5°	453.0	441.3	426.0	410.4	394.6	378.3	360.7	343.2	325.5	306.2	284.3
-65°	377.5	368.3	357.0	346.3	334.6	321.9	307.5	293.3	278.4	262.1	242.7
-67.5°	308.8	302.4	294.7	286.4	278.0	268.2	257.0	244.7	232.6	219.0	203.7
-70°	250.7	246.6	241.1	234.3	227.5	220.5	212.2	202.1	190.4	178.1	166.9
-72.5°	203.8	201.1	197.5	192.5	186.5	180.1	172.3	163.2	153.1	142.0	132.0
-75°	165.1	164.0	161.6	156.5	150.3	143.1	135.6	127.3	117.7	106.6	97.1
-77.5°	130.9	131.1	130.0	124.4	118.3	111.6	103.9	94.5	85.1	75.6	68.4
-80°	96.2	96.8	96.2	90.6	84.9	79.1	73.1	65.3	57.3	49.8	44.2
-82.5°	59.6	59.4	58.5	55.2	51.8	48.4	44.8	39.4	34.2	29.1	24.6
-85°	28.4	27.3	26.1	24.9	23.6	22.2	20.8	18.2	15.8	13.6	11.7
-87.5°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
-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: P626691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	3.6	3.6	3.6	3.6	3.2	2.8	2.4	2.1	1.9	1.7	1.5
85°	11.7	11.5	10.8	9.8	7.7	5.6	4.9	4.2	3.8	3.4	3.0
82.5°	24.5	24.7	24.7	24.0	21.2	18.2	15.1	11.9	8.8	5.6	4.5
80°	44.2	43.8	42.7	40.7	36.0	30.8	26.9	22.8	18.8	14.7	10.3
77.5°	66.9	65.0	62.6	60.0	55.1	49.3	42.6	35.1	28.8	23.6	18.3
75°	92.2	89.2	85.9	81.5	75.1	67.9	60.6	51.8	42.1	32.9	26.2
72.5°	123.9	116.6	110.0	103.8	97.0	88.9	79.6	68.3	56.4	45.2	34.8
70°	156.1	145.0	135.2	126.7	118.5	110.1	99.8	85.9	70.5	57.3	45.0
67.5°	188.7	175.6	162.5	149.8	139.4	129.5	119.6	103.4	85.8	69.1	55.0
65°	224.7	207.3	190.6	174.9	160.8	148.3	136.8	119.8	100.6	81.9	64.7
62.5°	261.8	239.6	219.8	199.9	182.2	167.1	153.2	134.5	114.8	94.2	74.8
60°	300.8	275.5	249.2	225.9	204.3	185.2	168.3	148.9	128.0	106.1	84.9
57.5°	341.9	312.1	282.5	253.1	227.2	204.2	183.0	162.6	141.0	117.8	94.3
55°	383.5	351.5	316.4	283.3	251.5	224.2	198.6	175.8	153.6	129.3	102.4
52.5°	425.2	390.0	352.4	314.1	278.5	244.3	215.8	188.6	165.2	140.5	110.8
50°	468.8	428.4	388.1	346.8	305.4	267.9	232.3	203.4	176.4	151.2	118.8
47.5°	514.2	469.2	424.4	379.2	334.8	290.5	251.7	217.8	187.3	160.9	126.2
45°	563.9	511.3	461.7	412.8	362.6	314.9	271.3	231.6	199.6	168.4	133.1
42.5°	613.6	555.7	500.3	446.0	391.8	339.2	289.8	247.8	211.4	175.6	139.4
40°	666.4	600.3	538.8	479.9	420.2	362.2	310.4	263.6	222.5	183.1	145.4
37.5°	717.8	646.0	578.5	512.3	448.0	387.1	330.1	278.4	233.0	191.5	151.1
35°	772.2	692.0	615.1	545.0	476.7	410.7	348.6	293.4	245.0	199.7	156.4
32.5°	824.8	736.8	654.4	577.2	504.1	432.9	367.6	309.2	256.6	207.6	161.4
30°	876.4	781.9	692.1	607.6	530.6	456.3	386.7	324.0	267.7	215.3	166.4
27.5°	924.0	823.7	728.2	639.1	556.7	478.4	404.7	337.7	278.2	223.2	172.2
25°	968.4	863.9	763.9	669.3	581.0	499.4	421.3	350.4	288.9	231.4	177.6
22.5°	1010.0	901.2	796.2	697.2	603.4	518.7	437.5	364.0	299.0	239.0	182.5
20°	1047.8	934.7	825.1	722.5	625.2	537.0	453.0	376.1	308.1	245.9	187.0
17.5°	1081.9	965.4	852.7	746.1	645.5	553.4	466.9	386.8	316.0	252.0	190.9
15°	1113.5	993.3	877.0	766.7	663.1	567.6	478.9	396.0	322.8	257.3	194.6
12.5°	1140.7	1017.3	897.7	784.3	677.9	579.6	489.1	403.7	328.5	262.1	198.1
10°	1163.1	1037.0	914.7	798.6	689.8	589.4	497.3	410.2	333.8	266.3	200.8
7.5°	1180.5	1052.5	927.7	809.6	699.3	597.5	504.4	415.8	338.1	269.5	202.7
5°	1193.7	1064.6	939.0	818.9	708.1	604.2	509.5	419.9	341.2	271.6	203.8
2.5°	1205.5	1073.7	947.9	824.9	714.0	608.5	512.6	422.3	343.1	272.8	204.1
0°	1212.1	1078.1	952.8	827.5	717.1	610.4	513.6	423.1	343.7	272.9	203.5
-2.5°	1205.5	1073.7	947.9	824.9	714.0	608.5	512.6	422.3	343.1	272.8	204.1
-5°	1193.7	1064.6	939.0	818.9	708.1	604.2	509.5	419.9	341.2	271.6	203.8
-7.5°	1180.5	1052.5	927.7	809.6	699.3	597.5	504.4	415.8	338.1	269.5	202.7
-10°	1163.1	1037.0	914.7	798.6	689.8	589.4	497.3	410.2	333.8	266.3	200.8
-12.5°	1140.7	1017.3	897.7	784.3	677.9	579.6	489.1	403.7	328.5	262.1	198.1
-15°	1113.5	993.3	877.0	766.7	663.1	567.6	478.9	396.0	322.8	257.3	194.6
-17.5°	1081.9	965.4	852.7	746.1	645.5	553.4	466.9	386.8	316.0	252.0	190.9
-20°	1047.8	934.7	825.1	722.5	625.2	537.0	453.0	376.1	308.1	245.9	187.0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	1010.0	901.2	796.2	697.2	603.4	518.7	437.5	364.0	299.0	239.0	182.5
-25°	968.4	863.9	763.9	669.3	581.0	499.4	421.3	350.4	288.9	231.4	177.6
-27.5°	924.0	823.7	728.2	639.1	556.7	478.4	404.7	337.7	278.2	223.2	172.2
-30°	876.4	781.9	692.1	607.6	530.6	456.3	386.7	324.0	267.7	215.3	166.4
-32.5°	824.8	736.8	654.4	577.2	504.1	432.9	367.6	309.2	256.6	207.6	161.4
-35°	772.2	692.0	615.1	545.0	476.7	410.7	348.6	293.4	245.0	199.7	156.4
-37.5°	717.8	646.0	578.5	512.3	448.0	387.1	330.1	278.4	233.0	191.5	151.1
-40°	666.4	600.3	538.8	479.9	420.2	362.2	310.4	263.6	222.5	183.1	145.4
-42.5°	613.6	555.7	500.3	446.0	391.8	339.2	289.8	247.8	211.4	175.6	139.4
-45°	563.9	511.3	461.7	412.8	362.6	314.9	271.3	231.6	199.6	168.4	133.1
-47.5°	514.2	469.2	424.4	379.2	334.8	290.5	251.7	217.8	187.3	160.9	126.2
-50°	468.8	428.4	388.1	346.8	305.4	267.9	232.3	203.4	176.4	151.2	118.8
-52.5°	425.2	390.0	352.4	314.1	278.5	244.3	215.8	188.6	165.2	140.5	110.8
-55°	383.5	351.5	316.4	283.3	251.5	224.2	198.6	175.8	153.6	129.3	102.4
-57.5°	341.9	312.1	282.5	253.1	227.2	204.2	183.0	162.6	141.0	117.8	94.3
-60°	300.8	275.5	249.2	225.9	204.3	185.2	168.3	148.9	128.0	106.1	84.9
-62.5°	261.8	239.6	219.8	199.9	182.2	167.1	153.2	134.5	114.8	94.2	74.8
-65°	224.7	207.3	190.6	174.9	160.8	148.3	136.8	119.8	100.6	81.9	64.7
-67.5°	188.7	175.6	162.5	149.8	139.4	129.5	119.6	103.4	85.8	69.1	55.0
-70°	156.1	145.0	135.2	126.7	118.5	110.1	99.8	85.9	70.5	57.3	45.0
-72.5°	123.9	116.6	110.0	103.8	97.0	88.9	79.6	68.3	56.4	45.2	34.8
-75°	92.2	89.2	85.9	81.5	75.1	67.9	60.6	51.8	42.1	32.9	26.2
-77.5°	66.9	65.0	62.6	60.0	55.1	49.3	42.6	35.1	28.8	23.6	18.3
-80°	44.2	43.8	42.7	40.7	36.0	30.8	26.9	22.8	18.8	14.7	10.3
-82.5°	24.5	24.7	24.7	24.0	21.2	18.2	15.1	11.9	8.8	5.6	4.5
-85°	11.7	11.5	10.8	9.8	7.7	5.6	4.9	4.2	3.8	3.4	3.0
-87.5°	3.6	3.6	3.6	3.6	3.2	2.8	2.4	2.1	1.9	1.7	1.5
-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: P626691 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
82.5°	3.9	3.2	2.6	2.0	1.3	0.6	0.0
80°	5.8	4.3	3.5	2.6	1.7	0.8	0.0
77.5°	12.6	6.7	4.3	3.2	2.1	0.9	0.0
75°	19.3	11.6	5.6	3.9	2.6	1.1	0.0
72.5°	25.7	16.4	8.9	4.5	3.0	1.3	0.0
70°	32.2	21.0	12.1	5.4	3.4	1.5	0.0
67.5°	39.9	25.4	15.2	7.4	3.7	1.6	0.0
65°	47.3	30.3	18.1	9.3	4.1	1.8	0.0
62.5°	54.3	35.7	20.9	11.1	4.5	2.0	0.0
60°	60.9	40.7	23.5	12.8	4.8	2.1	0.0
57.5°	67.9	45.5	27.0	14.4	5.8	2.3	0.0
55°	74.5	50.0	30.3	15.9	6.7	2.4	0.0
52.5°	80.6	54.2	33.4	17.3	7.6	2.6	0.0
50°	86.2	58.7	36.2	18.5	8.5	2.7	0.0
47.5°	91.4	62.8	38.8	19.9	9.3	2.8	0.0
45°	97.3	66.5	41.2	21.6	10.1	2.9	0.0
42.5°	102.6	69.8	43.2	23.1	10.8	3.1	0.0
40°	107.5	72.7	45.3	24.7	11.5	3.2	0.0
37.5°	111.8	75.1	47.4	26.3	12.2	3.2	0.0
35°	115.6	78.0	49.2	27.8	12.8	3.3	0.0
32.5°	119.2	80.8	50.6	29.1	13.4	3.4	0.0
30°	122.8	83.2	51.8	30.4	13.9	3.5	0.0
27.5°	126.2	85.2	53.6	31.5	14.3	3.5	0.0
25°	129.1	86.8	55.3	32.5	14.7	3.6	0.0
22.5°	131.6	88.4	56.7	33.4	15.1	3.6	0.0
20°	133.6	90.6	58.0	34.2	15.4	3.7	0.0
17.5°	136.2	92.4	59.1	34.8	15.7	3.7	0.0
15°	138.9	93.8	59.9	35.4	15.9	3.7	0.0
12.5°	141.0	94.8	60.6	35.8	16.0	3.7	0.0
10°	142.7	95.4	61.0	36.0	16.2	3.8	0.0
7.5°	143.8	95.7	61.2	36.2	16.2	3.8	0.0
5°	144.4	95.6	61.3	36.3	16.2	3.7	0.0
2.5°	144.4	95.1	61.1	36.2	16.2	3.7	0.0
0°	143.9	94.3	60.8	36.0	16.1	3.7	0.0
-2.5°	144.4	95.1	61.1	36.2	16.2	3.7	0.0
-5°	144.4	95.6	61.3	36.3	16.2	3.7	0.0
-7.5°	143.8	95.7	61.2	36.2	16.2	3.8	0.0
-10°	142.7	95.4	61.0	36.0	16.2	3.8	0.0
-12.5°	141.0	94.8	60.6	35.8	16.0	3.7	0.0
-15°	138.9	93.8	59.9	35.4	15.9	3.7	0.0
-17.5°	136.2	92.4	59.1	34.8	15.7	3.7	0.0
-20°	133.6	90.6	58.0	34.2	15.4	3.7	0.0

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CATALOG NUMBER: GFLD-SA1C-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	131.6	88.4	56.7	33.4	15.1	3.6	0.0
-25°	129.1	86.8	55.3	32.5	14.7	3.6	0.0
-27.5°	126.2	85.2	53.6	31.5	14.3	3.5	0.0
-30°	122.8	83.2	51.8	30.4	13.9	3.5	0.0
-32.5°	119.2	80.8	50.6	29.1	13.4	3.4	0.0
-35°	115.6	78.0	49.2	27.8	12.8	3.3	0.0
-37.5°	111.8	75.1	47.4	26.3	12.2	3.2	0.0
-40°	107.5	72.7	45.3	24.7	11.5	3.2	0.0
-42.5°	102.6	69.8	43.2	23.1	10.8	3.1	0.0
-45°	97.3	66.5	41.2	21.6	10.1	2.9	0.0
-47.5°	91.4	62.8	38.8	19.9	9.3	2.8	0.0
-50°	86.2	58.7	36.2	18.5	8.5	2.7	0.0
-52.5°	80.6	54.2	33.4	17.3	7.6	2.6	0.0
-55°	74.5	50.0	30.3	15.9	6.7	2.4	0.0
-57.5°	67.9	45.5	27.0	14.4	5.8	2.3	0.0
-60°	60.9	40.7	23.5	12.8	4.8	2.1	0.0
-62.5°	54.3	35.7	20.9	11.1	4.5	2.0	0.0
-65°	47.3	30.3	18.1	9.3	4.1	1.8	0.0
-67.5°	39.9	25.4	15.2	7.4	3.7	1.6	0.0
-70°	32.2	21.0	12.1	5.4	3.4	1.5	0.0
-72.5°	25.7	16.4	8.9	4.5	3.0	1.3	0.0
-75°	19.3	11.6	5.6	3.9	2.6	1.1	0.0
-77.5°	12.6	6.7	4.3	3.2	2.1	0.9	0.0
-80°	5.8	4.3	3.5	2.6	1.7	0.8	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.6	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)