

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: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-722-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4626.8 lumens
Efficiency: N/A
Efficacy: 69.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 5244.5 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 2227.6 lumens
Beam Efficiency: 48.1%

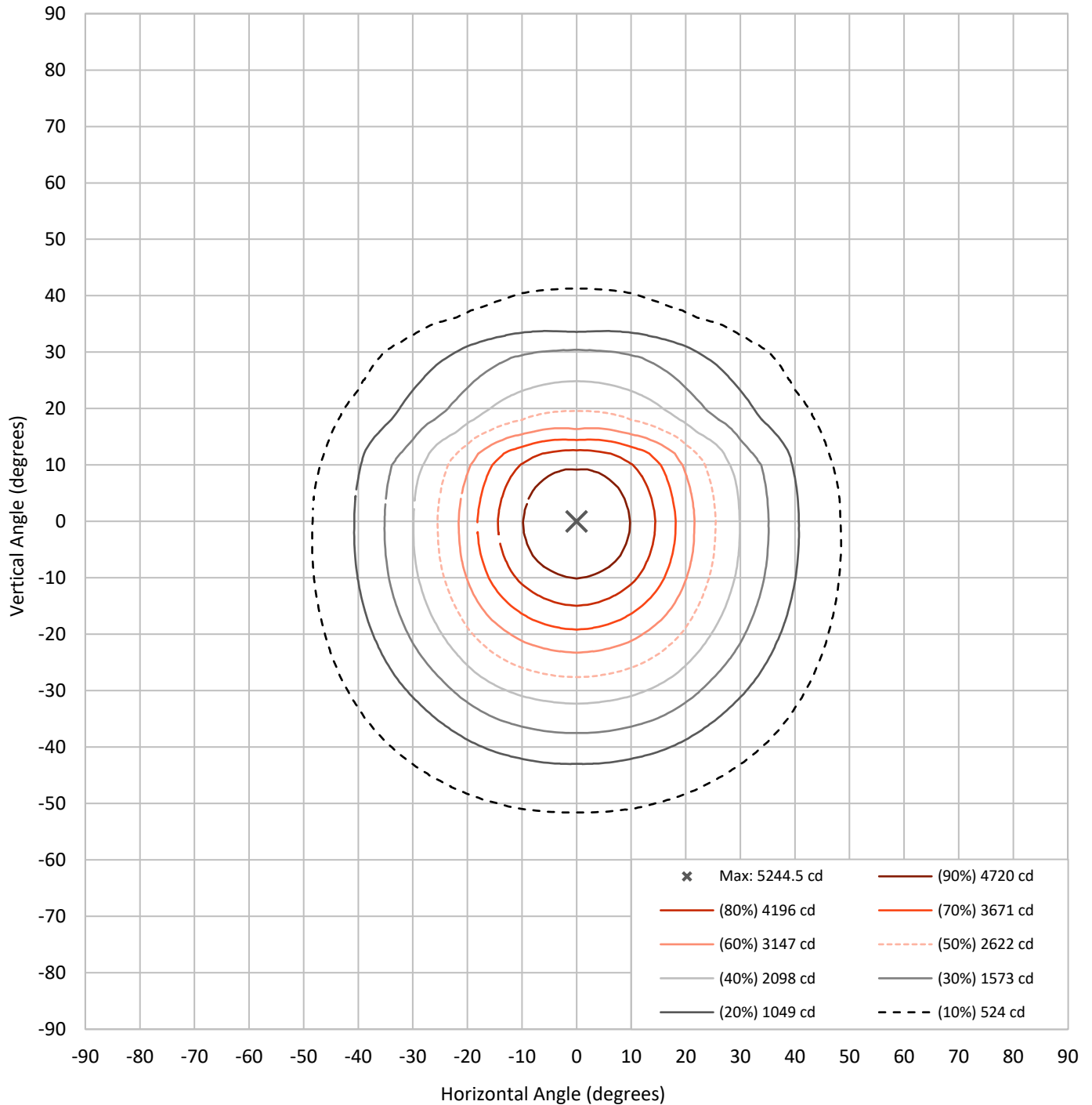
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 4142.6 lumens
Field Efficiency: 89.5%

Input Watts (W): 66.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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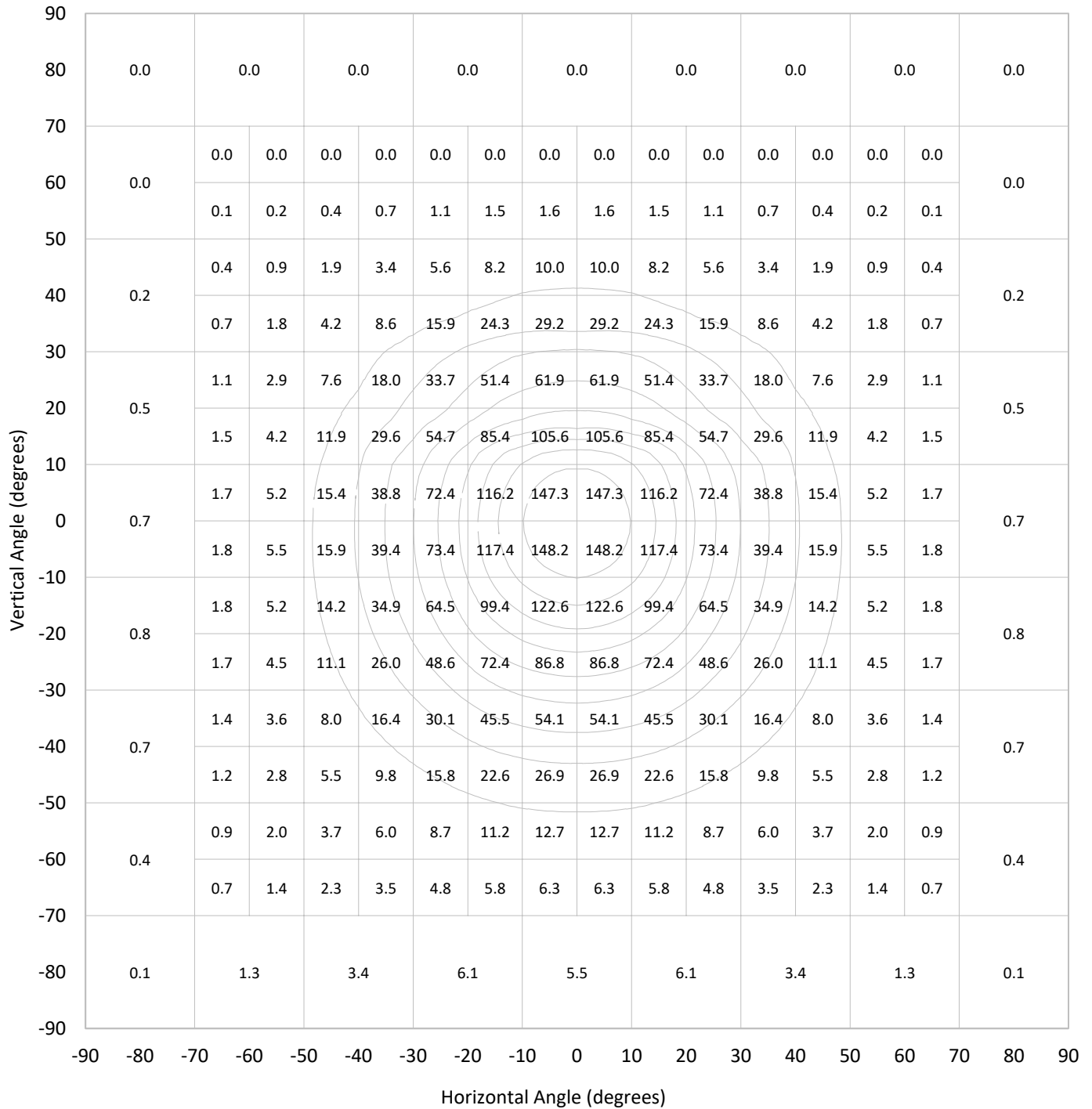
Iso-Candela Plot





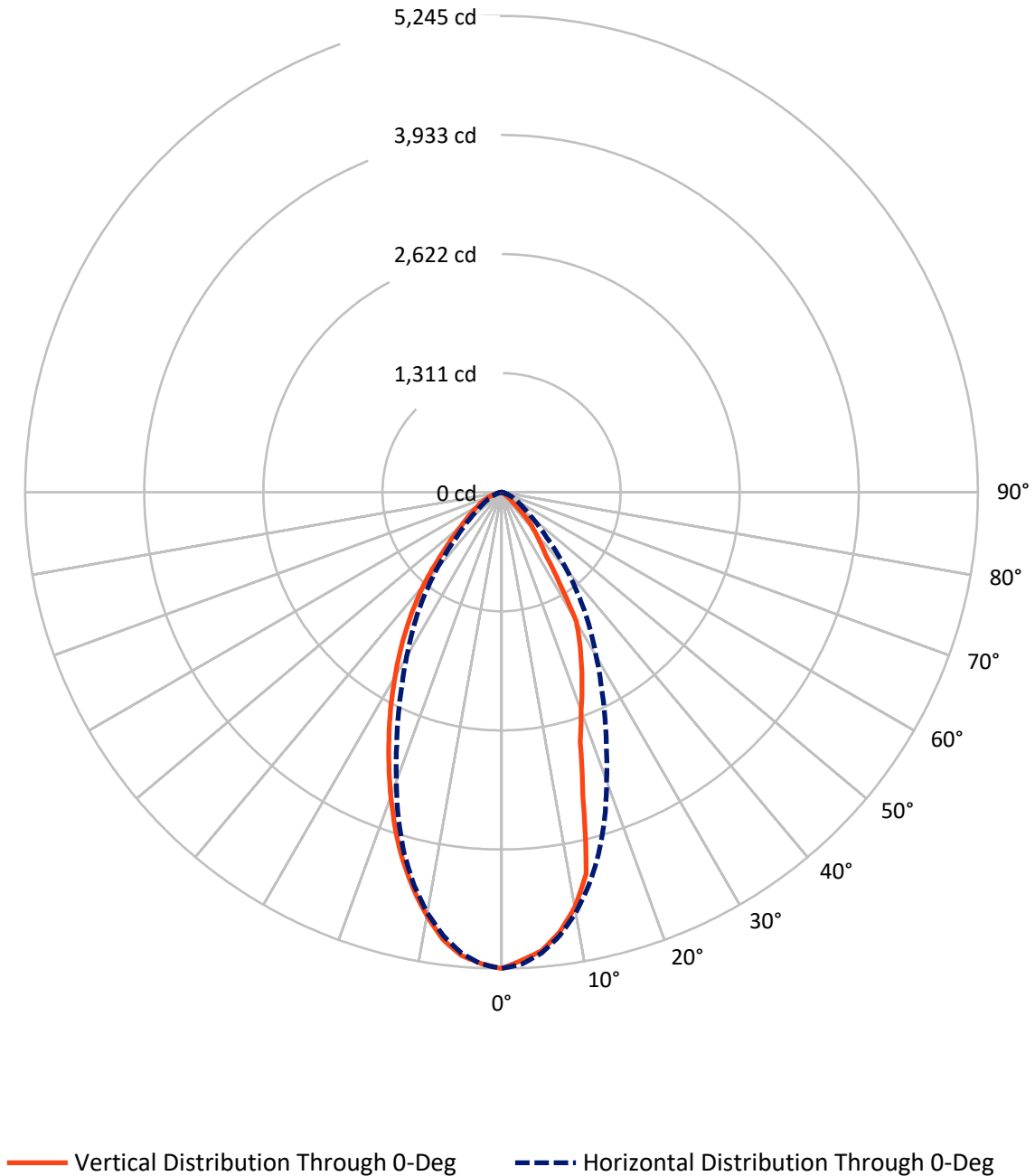
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Lumen Table



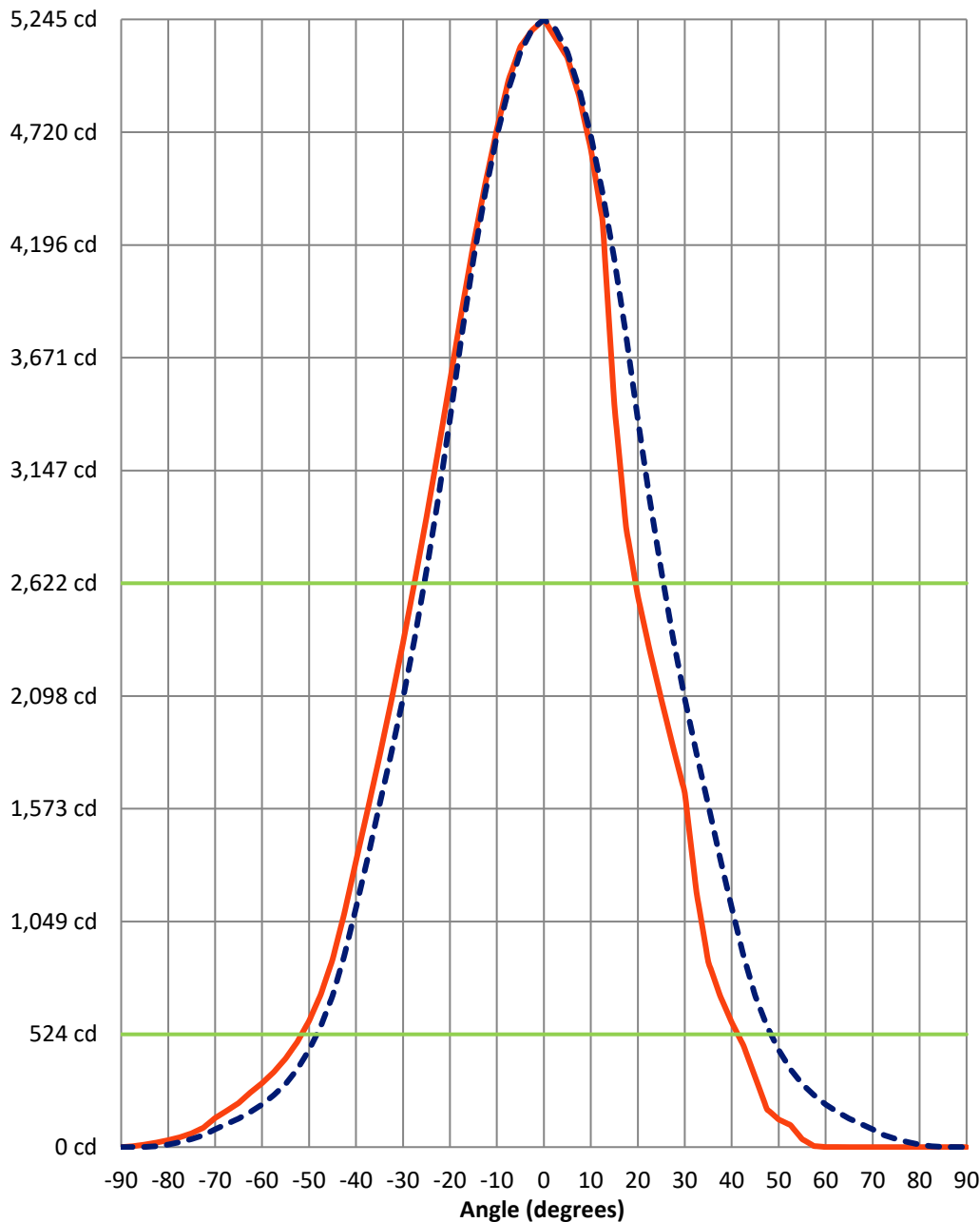
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 2227.6
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 4142.6
 Efficiency: 89.5%

Spill:
 Lumens: 484.2
 Efficiency: 10.5%

— 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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
65°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.4	0.6	0.6	0.7
62.5°	0.0	0.2	0.4	0.4	0.4	0.5	0.5	0.5	0.7	1.0	1.6
60°	0.0	0.2	0.4	0.4	0.4	0.6	0.6	0.7	0.9	2.5	2.7
57.5°	0.0	0.2	0.4	0.4	0.5	0.7	1.0	1.0	2.4	4.2	4.6
55°	0.0	0.2	0.4	0.4	0.6	0.8	1.6	1.4	4.5	6.3	7.1
52.5°	0.0	0.2	0.4	0.4	0.7	1.0	2.2	3.5	6.7	9.4	10.1
50°	0.0	0.3	0.4	0.4	0.9	1.7	2.9	5.8	9.4	12.7	15.4
47.5°	0.0	0.3	0.4	0.4	1.0	2.4	3.8	8.2	12.8	16.4	20.9
45°	0.0	0.3	0.4	0.5	1.1	3.1	5.8	10.5	16.3	21.3	26.3
42.5°	0.0	0.3	0.4	0.6	1.3	3.9	7.9	13.3	19.8	26.1	32.3
40°	0.0	0.3	0.5	0.8	1.6	4.7	9.9	16.3	23.4	30.8	38.6
37.5°	0.0	0.3	0.5	0.9	2.3	5.6	11.9	19.3	27.4	35.6	45.0
35°	0.0	0.3	0.5	1.1	2.9	6.9	13.9	22.2	31.3	41.4	52.0
32.5°	0.0	0.3	0.5	1.3	3.6	8.5	16.0	25.1	35.3	47.3	59.9
30°	0.0	0.3	0.5	1.5	4.2	10.0	18.3	28.0	39.2	53.3	67.8
27.5°	0.0	0.4	0.5	1.7	5.0	11.5	20.6	31.3	43.6	59.4	75.8
25°	0.0	0.4	0.5	1.9	5.8	12.9	22.8	34.4	48.6	66.0	83.7
22.5°	0.0	0.4	0.6	2.1	6.5	14.3	24.8	37.5	53.5	72.6	91.8
20°	0.0	0.4	0.6	2.4	7.2	15.7	26.8	40.5	58.4	79.0	99.5
17.5°	0.0	0.4	0.6	2.6	7.9	16.9	28.7	43.3	63.1	85.3	106.8
15°	0.0	0.4	0.6	2.8	8.5	18.1	30.4	45.8	67.7	91.4	113.6
12.5°	0.0	0.4	0.6	3.1	9.2	19.2	32.0	48.0	71.5	97.2	120.1
10°	0.0	0.4	0.6	3.3	9.7	20.2	33.4	49.8	74.5	100.6	125.1
7.5°	0.0	0.4	0.7	3.5	10.3	21.1	34.6	51.5	77.2	103.2	127.7
5°	0.0	0.4	0.7	3.7	10.8	21.9	35.8	52.9	79.5	105.3	129.9
2.5°	0.0	0.4	0.7	3.9	11.2	22.6	36.7	54.1	81.3	106.8	131.5
0°	0.0	0.4	0.7	4.1	11.6	23.2	37.5	55.1	82.8	107.9	132.6
-2.5°	0.0	0.4	0.8	4.4	12.1	23.9	38.5	56.7	84.4	109.5	134.4
-5°	0.0	0.4	0.9	4.6	12.6	24.5	39.4	58.0	85.6	110.6	135.6
-7.5°	0.0	0.5	1.0	4.8	13.0	25.0	40.0	59.0	86.3	111.3	136.3
-10°	0.0	0.5	1.2	5.0	13.3	25.4	40.5	59.8	86.7	111.5	136.6
-12.5°	0.0	0.5	1.3	5.2	13.6	25.7	40.8	60.2	86.6	111.4	135.9
-15°	0.0	0.5	1.4	5.3	13.7	25.8	40.8	60.3	85.9	110.4	134.6
-17.5°	0.0	0.5	1.4	5.4	13.8	25.8	40.7	60.1	84.8	109.1	132.8
-20°	0.0	0.6	1.5	5.5	13.8	25.6	40.6	59.9	83.4	107.4	130.5

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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	0.6	1.6	5.5	13.7	25.3	40.6	59.3	81.8	105.5	127.7
-25°	0.0	0.6	1.7	5.5	13.5	25.3	40.4	58.5	79.9	103.2	124.3
-27.5°	0.0	0.6	1.7	5.5	13.2	25.2	40.0	57.5	77.8	100.6	121.3
-30°	0.0	0.6	1.8	5.4	12.8	24.9	39.4	56.2	76.0	97.7	117.9
-32.5°	0.0	0.6	1.8	5.3	12.6	24.5	38.6	55.2	74.2	94.7	114.4
-35°	0.0	0.6	1.8	5.1	12.3	23.9	37.9	54.0	72.1	91.5	110.6
-37.5°	0.0	0.6	1.8	4.9	12.0	23.2	37.0	52.6	69.8	88.3	106.2
-40°	0.0	0.6	1.8	4.7	11.5	22.7	36.0	51.0	67.3	85.3	101.5
-42.5°	0.0	0.6	1.8	4.5	11.1	22.0	34.7	49.1	64.9	81.3	96.5
-45°	0.0	0.6	1.8	4.3	10.9	21.1	33.2	47.2	62.5	77.1	91.3
-47.5°	0.0	0.5	1.7	4.1	10.6	20.1	31.5	45.2	59.9	72.8	86.4
-50°	0.0	0.5	1.7	4.0	10.2	19.0	30.1	43.0	56.3	68.8	81.5
-52.5°	0.0	0.5	1.6	4.0	9.6	17.7	28.5	40.5	52.8	64.7	76.4
-55°	0.0	0.5	1.5	3.9	9.0	16.6	26.7	37.9	49.2	60.3	71.6
-57.5°	0.0	0.5	1.4	3.7	8.2	15.5	24.8	35.5	45.4	56.0	66.7
-60°	0.0	0.4	1.4	3.5	7.3	14.2	22.8	32.7	41.5	51.5	61.6
-62.5°	0.0	0.4	1.3	3.3	6.8	12.8	20.8	29.6	37.7	46.8	56.3
-65°	0.0	0.4	1.2	3.0	6.2	11.2	18.6	26.3	33.6	41.9	50.9
-67.5°	0.0	0.3	1.1	2.6	5.6	9.8	16.2	22.9	29.3	36.7	44.9
-70°	0.0	0.3	1.0	2.3	4.9	8.6	13.6	19.5	25.2	31.2	38.4
-72.5°	0.0	0.3	0.9	2.0	4.1	7.3	11.6	15.9	20.9	26.2	31.8
-75°	0.0	0.2	0.8	1.8	3.2	5.9	9.5	13.0	16.6	21.1	25.9
-77.5°	0.0	0.2	0.6	1.5	2.7	4.5	7.4	10.2	13.2	16.3	19.9
-80°	0.0	0.2	0.5	1.2	2.2	3.4	5.1	7.4	9.8	12.4	15.0
-82.5°	0.0	0.1	0.4	0.9	1.6	2.6	3.8	5.0	6.4	8.4	10.4
-85°	0.0	0.1	0.3	0.6	1.1	1.7	2.5	3.3	4.2	5.2	6.3
-87.5°	0.0	0.0	0.1	0.3	0.6	0.9	1.3	1.7	2.1	2.6	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-WR-VSR-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°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2
65°	0.4	0.4	0.5	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.6	0.7	0.9	1.3	1.0	0.4	0.8	0.9	0.6	0.5	0.5
60°	1.7	1.1	2.9	4.0	2.6	1.4	1.7	3.4	2.8	0.7	2.0
57.5°	3.3	4.1	7.2	7.6	5.8	3.9	8.6	9.6	7.9	5.0	7.2
55°	6.9	9.7	12.2	12.1	12.2	15.3	18.0	17.6	15.5	21.4	27.0
52.5°	13.0	15.9	17.6	19.2	23.6	26.5	27.3	29.0	35.1	42.4	43.7
50°	19.1	22.1	24.4	30.1	34.5	36.8	39.0	44.6	53.8	58.8	59.6
47.5°	25.3	28.7	34.5	40.8	45.1	48.6	52.3	65.0	75.3	79.6	81.1
45°	31.8	37.5	44.9	51.3	56.3	61.0	73.1	90.4	97.6	104.2	120.9
42.5°	38.4	47.1	55.4	62.1	67.8	77.6	94.4	111.2	121.6	135.5	155.6
40°	47.0	56.7	66.3	73.1	80.2	95.1	115.9	133.6	144.6	163.3	186.2
37.5°	55.6	67.0	77.4	84.6	94.5	114.7	139.1	160.4	174.0	189.2	226.0
35°	64.2	77.6	88.2	97.8	110.1	137.9	167.9	191.7	208.5	234.5	281.1
32.5°	73.3	88.3	99.1	112.3	132.4	163.5	200.4	226.7	254.6	292.1	366.8
30°	83.1	98.3	110.8	126.6	153.6	189.8	232.7	265.7	303.7	364.5	445.0
27.5°	92.8	108.3	123.7	143.7	173.4	212.6	257.3	309.5	358.5	426.5	514.5
25°	102.1	118.5	136.3	160.6	192.7	233.6	282.5	342.7	406.6	484.5	587.8
22.5°	111.0	128.8	149.7	175.8	208.9	253.7	311.9	382.6	459.4	540.1	658.8
20°	119.7	140.3	164.3	193.5	223.8	272.1	340.7	426.3	522.6	633.0	749.3
17.5°	128.3	151.7	179.4	211.9	248.6	298.1	370.2	472.1	589.2	733.0	876.2
15°	136.7	162.9	194.0	230.0	273.6	332.7	414.6	526.6	668.2	840.3	1010.0
12.5°	144.9	173.8	208.0	247.7	297.9	365.3	456.5	577.3	739.5	945.2	1153.6
10°	152.7	184.2	221.4	264.8	321.1	395.6	493.5	621.2	793.3	1005.3	1237.1
7.5°	156.7	191.2	232.7	281.1	343.0	423.5	525.7	658.2	835.4	1053.6	1286.1
5°	159.6	194.5	237.0	287.6	355.0	442.4	550.4	688.5	866.4	1090.0	1319.2
2.5°	161.8	196.8	240.1	291.2	359.8	448.7	558.5	699.1	883.0	1109.0	1338.5
0°	163.3	198.2	242.0	293.3	362.2	451.8	562.3	703.5	890.1	1113.3	1345.6
-2.5°	164.9	200.1	244.0	296.6	365.6	455.9	566.4	706.6	895.4	1114.6	1349.4
-5°	165.8	201.1	244.8	298.1	366.8	456.7	566.1	703.7	891.2	1105.8	1341.1
-7.5°	166.1	201.3	244.3	297.8	365.3	453.1	560.1	694.9	876.6	1088.1	1320.9
-10°	165.7	200.4	242.7	295.1	361.2	445.8	549.4	679.6	852.7	1058.9	1286.7
-12.5°	164.5	198.5	239.9	290.7	354.6	435.3	534.3	657.9	819.6	1018.2	1238.4
-15°	162.5	195.7	235.7	284.6	345.5	421.9	515.0	629.8	776.8	966.6	1178.4
-17.5°	159.9	192.0	230.2	276.8	333.8	405.5	491.6	596.8	730.8	909.0	1111.6
-20°	156.5	187.4	223.5	267.4	320.4	388.3	469.8	567.6	687.7	843.0	1032.8

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	152.3	181.9	216.3	258.4	308.4	370.4	445.5	534.6	639.4	766.7	946.8
-25°	148.1	176.6	209.4	248.3	294.8	350.1	417.7	498.8	593.8	710.3	859.2
-27.5°	143.9	170.6	201.3	236.7	279.5	329.2	391.6	465.5	550.1	649.2	770.4
-30°	139.1	163.8	192.5	224.5	264.9	311.0	364.9	428.2	503.5	593.0	698.4
-32.5°	134.0	156.6	183.9	213.9	249.2	291.2	337.8	395.1	460.5	534.4	625.5
-35°	128.8	150.4	175.1	202.5	232.3	271.7	314.5	362.0	417.7	483.1	556.0
-37.5°	123.8	143.6	165.7	191.3	219.2	251.9	289.7	332.6	380.5	432.5	495.5
-40°	118.3	136.4	157.2	180.4	205.1	233.4	267.5	303.9	345.2	391.0	439.6
-42.5°	112.3	129.6	148.7	168.6	191.3	216.6	244.9	278.2	312.5	350.8	393.3
-45°	106.4	122.3	139.8	158.0	177.0	199.4	225.1	252.8	283.2	314.5	350.1
-47.5°	100.2	114.8	131.0	146.9	163.7	182.8	204.6	229.8	255.1	283.0	310.6
-50°	94.0	107.7	121.3	136.1	151.2	167.1	185.5	207.2	230.3	253.4	277.7
-52.5°	88.5	100.3	112.6	125.3	139.1	153.2	168.5	186.4	206.6	227.0	247.9
-55°	82.8	93.7	103.8	115.2	127.1	139.8	153.5	168.6	183.8	202.4	220.4
-57.5°	77.3	86.9	95.7	105.4	116.0	126.8	139.2	152.0	165.8	179.8	194.6
-60°	71.7	79.9	87.9	96.3	105.2	114.8	124.7	136.0	147.8	160.0	172.8
-62.5°	65.9	72.6	79.7	87.4	95.2	102.6	110.9	120.1	129.9	140.3	151.2
-65°	59.5	65.0	70.9	77.7	85.0	91.0	97.3	104.2	112.3	120.9	129.5
-67.5°	52.7	57.5	62.4	67.4	73.3	78.6	83.9	89.4	95.4	102.4	109.3
-70°	45.0	49.9	54.1	58.2	62.1	65.9	70.3	74.6	79.5	85.8	92.0
-72.5°	37.2	41.8	45.8	49.3	52.0	54.3	57.0	60.1	64.8	70.7	76.2
-75°	30.1	33.8	37.5	40.9	42.6	43.3	43.9	45.6	50.3	56.3	61.6
-77.5°	23.4	26.6	29.7	32.6	33.8	34.3	34.5	34.6	38.1	43.2	48.6
-80°	17.3	19.5	22.1	24.6	25.3	25.6	25.6	25.4	28.3	32.0	35.9
-82.5°	12.0	13.6	15.3	17.0	17.2	17.1	16.8	16.6	18.9	21.5	24.3
-85°	7.0	7.7	8.7	9.8	9.9	9.8	9.6	9.3	10.6	12.0	13.6
-87.5°	3.5	3.8	4.2	4.5	4.4	4.2	4.0	3.7	4.1	4.4	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: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-WR-VSR-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°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.5	0.5	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
60°	2.1	1.2	1.2	1.6	1.4	0.6	1.2	1.6	1.5	1.1	1.0
57.5°	10.7	9.0	6.3	10.5	10.8	7.5	8.2	10.7	10.4	8.0	8.0
55°	27.1	27.5	29.5	32.2	34.1	35.0	35.8	39.9	44.2	48.4	50.5
52.5°	44.8	50.0	56.5	60.8	63.8	70.0	78.6	82.6	86.4	90.8	94.0
50°	65.9	75.0	81.5	82.5	92.7	99.4	101.0	108.4	116.5	121.6	125.2
47.5°	98.1	109.6	115.2	118.9	131.4	145.1	145.1	149.4	169.7	180.3	185.4
45°	141.2	150.8	160.9	187.0	211.1	218.7	235.1	257.2	271.6	291.4	313.2
42.5°	178.0	196.0	221.2	250.0	274.2	294.2	318.5	345.1	377.1	407.1	433.1
40°	214.4	236.7	267.9	299.3	329.6	357.4	396.6	430.8	468.6	509.9	544.3
37.5°	261.9	290.4	322.7	362.2	409.5	440.3	494.2	543.4	585.8	635.8	666.5
35°	334.8	372.0	400.6	480.5	538.0	574.1	637.8	718.6	749.7	812.6	842.4
32.5°	426.5	475.9	551.2	657.0	733.7	800.2	895.5	977.5	1047.4	1110.6	1176.2
30°	529.5	605.8	716.7	857.2	935.2	1028.4	1157.2	1254.5	1364.1	1484.4	1526.5
27.5°	623.0	737.3	866.0	979.9	1091.9	1207.9	1334.5	1459.4	1578.1	1678.1	1745.3
25°	709.6	848.0	973.2	1094.8	1216.2	1346.9	1490.1	1631.7	1762.3	1865.3	1943.6
22.5°	799.0	945.2	1079.1	1202.5	1343.7	1491.8	1644.1	1806.6	1955.1	2062.0	2147.3
20°	883.0	1045.6	1198.3	1338.9	1472.4	1643.3	1818.7	1991.0	2152.8	2280.1	2378.5
17.5°	1016.3	1157.5	1344.2	1526.8	1677.2	1834.2	2068.5	2246.4	2425.9	2578.4	2682.7
15°	1180.1	1335.4	1528.1	1779.0	1985.0	2164.9	2406.9	2696.3	2908.0	3102.7	3236.2
12.5°	1344.1	1519.6	1728.1	2010.4	2303.8	2515.7	2809.3	3175.9	3422.6	3723.9	3872.5
10°	1469.7	1690.2	1904.9	2162.5	2444.3	2746.0	3062.4	3405.5	3735.1	3993.8	4225.1
7.5°	1520.3	1755.1	2003.7	2266.5	2548.2	2859.7	3197.0	3553.9	3893.1	4182.1	4436.3
5°	1558.1	1798.7	2048.9	2317.7	2618.8	2944.1	3286.4	3661.2	4007.5	4317.3	4577.4
2.5°	1582.1	1825.0	2074.1	2347.3	2664.1	2999.0	3352.3	3737.0	4088.6	4407.5	4666.7
0°	1591.3	1830.7	2085.8	2367.2	2680.7	3016.4	3385.0	3774.2	4128.6	4436.9	4703.6
-2.5°	1592.6	1825.4	2086.6	2366.6	2666.5	3005.3	3378.4	3764.4	4111.6	4418.6	4687.8
-5°	1580.1	1812.8	2074.2	2350.0	2650.4	2986.6	3343.6	3716.6	4047.8	4346.6	4605.7
-7.5°	1554.7	1786.8	2042.4	2311.9	2604.2	2930.3	3273.3	3620.1	3944.9	4231.5	4478.7
-10°	1517.1	1744.3	1991.1	2253.6	2530.2	2840.4	3167.5	3498.8	3803.4	4068.4	4297.1
-12.5°	1466.2	1688.1	1923.8	2174.4	2431.9	2727.7	3036.4	3347.5	3625.2	3867.2	4072.3
-15°	1400.1	1616.8	1845.1	2082.1	2331.7	2599.2	2876.3	3161.6	3417.7	3632.3	3819.7
-17.5°	1322.2	1532.4	1749.1	1968.8	2205.8	2456.7	2713.9	2970.1	3188.5	3379.1	3550.5
-20°	1235.3	1437.9	1643.7	1848.6	2063.5	2295.6	2533.1	2758.2	2949.0	3122.2	3279.1



REPORT NUMBER: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1137.9	1331.8	1529.2	1720.8	1914.7	2124.8	2336.9	2540.4	2718.9	2867.1	3003.4
-25°	1033.7	1212.9	1399.2	1578.9	1757.3	1945.6	2138.3	2325.5	2482.6	2611.3	2723.9
-27.5°	928.7	1092.4	1256.5	1425.7	1590.6	1764.4	1938.9	2100.6	2241.6	2360.1	2454.7
-30°	818.2	964.6	1114.5	1267.6	1425.1	1584.1	1741.8	1883.3	2006.5	2110.6	2192.4
-32.5°	726.5	837.7	970.0	1109.0	1256.6	1401.5	1538.6	1667.7	1783.7	1874.7	1944.0
-35°	638.6	732.7	831.8	954.8	1081.6	1215.0	1341.1	1456.3	1559.8	1639.2	1704.5
-37.5°	563.0	637.5	721.3	809.1	915.4	1025.6	1139.4	1247.8	1340.0	1409.4	1467.6
-40°	497.5	556.3	623.3	692.9	771.2	850.4	949.5	1040.9	1116.1	1180.9	1233.7
-42.5°	438.4	488.0	537.4	594.5	653.5	717.2	786.8	854.4	912.2	966.4	1011.2
-45°	387.3	427.0	466.4	510.5	553.8	605.6	655.3	699.6	746.4	787.0	819.0
-47.5°	342.7	373.6	407.4	440.4	475.2	514.1	551.1	584.9	619.1	648.8	672.7
-50°	302.9	328.6	356.2	382.1	410.3	438.8	466.1	492.9	519.0	541.6	559.2
-52.5°	268.2	290.6	312.1	332.8	355.2	376.2	396.0	418.2	438.6	456.4	468.4
-55°	238.6	256.9	274.5	291.8	308.7	324.7	340.5	357.7	373.4	387.6	396.5
-57.5°	210.9	226.4	241.3	255.4	268.9	281.6	294.9	308.1	320.2	330.9	337.8
-60°	185.6	198.3	211.2	222.7	233.6	243.7	254.9	265.5	275.3	283.5	288.3
-62.5°	162.4	173.8	183.4	192.5	201.7	210.9	218.8	226.6	234.2	240.5	244.7
-65°	138.3	147.9	156.0	163.3	169.9	177.0	183.8	189.9	195.4	199.5	202.1
-67.5°	116.6	123.7	130.2	136.0	141.9	147.6	152.8	157.4	161.5	164.4	166.3
-70°	97.8	103.2	108.5	113.8	119.1	123.5	127.3	130.7	133.9	135.2	135.8
-72.5°	81.3	86.1	90.8	95.4	99.8	103.3	106.0	108.6	110.8	108.9	105.4
-75°	66.3	70.6	74.9	79.0	82.9	85.5	87.6	89.5	91.2	86.9	81.0
-77.5°	54.0	57.8	61.0	64.2	67.3	69.0	70.3	71.6	72.8	68.1	62.0
-80°	40.1	43.1	45.8	48.5	51.2	52.2	52.7	53.1	53.3	49.3	44.5
-82.5°	27.1	28.6	30.1	31.7	33.3	34.2	34.8	35.3	35.7	32.8	29.5
-85°	15.2	15.6	16.0	16.3	16.6	17.1	17.6	18.1	18.5	17.1	15.6
-87.5°	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	4.8	4.6
-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: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
62.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
60°	0.8	0.5	0.4	0.4	0.4	0.5	0.8	1.0	1.1	1.5	1.6
57.5°	7.5	6.5	5.8	5.2	5.8	6.5	7.5	8.0	8.0	10.4	10.7
55°	49.6	46.2	42.0	37.1	42.0	46.2	49.6	50.5	48.4	44.2	39.9
52.5°	97.3	100.5	102.4	102.3	102.4	100.5	97.3	94.0	90.8	86.4	82.6
50°	128.1	129.9	130.0	128.5	130.0	129.9	128.1	125.2	121.6	116.5	108.4
47.5°	187.7	185.2	181.0	176.4	181.0	185.2	187.7	185.4	180.3	169.7	149.4
45°	327.5	335.4	334.9	324.8	334.9	335.4	327.5	313.2	291.4	271.6	257.2
42.5°	447.6	459.4	467.8	472.0	467.8	459.4	447.6	433.1	407.1	377.1	345.1
40°	563.7	575.1	580.2	579.9	580.2	575.1	563.7	544.3	509.9	468.6	430.8
37.5°	686.5	701.3	708.4	705.0	708.4	701.3	686.5	666.5	635.8	585.8	543.4
35°	855.3	869.1	869.4	862.3	869.4	869.1	855.3	842.4	812.6	749.7	718.6
32.5°	1228.4	1233.0	1197.5	1184.9	1197.5	1233.0	1228.4	1176.2	1110.6	1047.4	977.5
30°	1568.5	1601.3	1631.8	1647.2	1631.8	1601.3	1568.5	1526.5	1484.4	1364.1	1254.5
27.5°	1796.0	1835.4	1859.9	1861.4	1859.9	1835.4	1796.0	1745.3	1678.1	1578.1	1459.4
25°	2002.9	2047.0	2073.7	2082.8	2073.7	2047.0	2002.9	1943.6	1865.3	1762.3	1631.7
22.5°	2219.7	2271.7	2306.2	2313.2	2306.2	2271.7	2219.7	2147.3	2062.0	1955.1	1806.6
20°	2471.3	2531.8	2564.8	2563.4	2564.8	2531.8	2471.3	2378.5	2280.1	2152.8	1991.0
17.5°	2802.4	2867.3	2895.8	2883.4	2895.8	2867.3	2802.4	2682.7	2578.4	2425.9	2246.4
15°	3373.3	3509.0	3508.5	3454.3	3508.5	3509.0	3373.3	3236.2	3102.7	2908.0	2696.3
12.5°	4077.4	4178.5	4282.3	4304.6	4282.3	4178.5	4077.4	3872.5	3723.9	3422.6	3175.9
10°	4420.0	4554.3	4643.0	4640.7	4643.0	4554.3	4420.0	4225.1	3993.8	3735.1	3405.5
7.5°	4634.3	4782.8	4890.2	4887.9	4890.2	4782.8	4634.3	4436.3	4182.1	3893.1	3553.9
5°	4799.7	4964.4	5059.6	5066.6	5059.6	4964.4	4799.7	4577.4	4317.3	4007.5	3661.2
2.5°	4885.7	5057.5	5171.9	5156.9	5171.9	5057.5	4885.7	4666.7	4407.5	4088.6	3737.0
0°	4921.6	5091.7	5198.4	5244.5	5198.4	5091.7	4921.6	4703.6	4436.9	4128.6	3774.2
-2.5°	4905.9	5071.4	5189.4	5194.0	5189.4	5071.4	4905.9	4687.8	4418.6	4111.6	3764.4
-5°	4821.9	4996.5	5075.6	5117.5	5075.6	4996.5	4821.9	4605.7	4346.6	4047.8	3716.6
-7.5°	4686.3	4817.2	4917.6	4963.9	4917.6	4817.2	4686.3	4478.7	4231.5	3944.9	3620.1
-10°	4475.4	4610.8	4695.6	4733.9	4695.6	4610.8	4475.4	4297.1	4068.4	3803.4	3498.8
-12.5°	4241.6	4364.7	4445.4	4477.7	4445.4	4364.7	4241.6	4072.3	3867.2	3625.2	3347.5
-15°	3980.8	4092.7	4166.9	4197.9	4166.9	4092.7	3980.8	3819.7	3632.3	3417.7	3161.6
-17.5°	3693.8	3791.8	3865.8	3888.1	3865.8	3791.8	3693.8	3550.5	3379.1	3188.5	2970.1
-20°	3398.6	3487.2	3548.2	3561.4	3548.2	3487.2	3398.6	3279.1	3122.2	2949.0	2758.2



REPORT NUMBER: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3101.3	3174.2	3223.7	3240.4	3223.7	3174.2	3101.3	3003.4	2867.1	2718.9	2540.4
-25°	2810.6	2873.6	2913.4	2928.3	2913.4	2873.6	2810.6	2723.9	2611.3	2482.6	2325.5
-27.5°	2531.1	2589.8	2626.3	2631.3	2626.3	2589.8	2531.1	2454.7	2360.1	2241.6	2100.6
-30°	2256.0	2304.5	2332.7	2344.7	2332.7	2304.5	2256.0	2192.4	2110.6	2006.5	1883.3
-32.5°	1998.9	2041.3	2066.7	2073.5	2066.7	2041.3	1998.9	1944.0	1874.7	1783.7	1667.7
-35°	1756.3	1795.4	1817.9	1816.1	1817.9	1795.4	1756.3	1704.5	1639.2	1559.8	1456.3
-37.5°	1515.8	1551.9	1572.3	1570.4	1572.3	1551.9	1515.8	1467.6	1409.4	1340.0	1247.8
-40°	1277.2	1308.3	1326.3	1330.6	1326.3	1308.3	1277.2	1233.7	1180.9	1116.1	1040.9
-42.5°	1048.5	1077.3	1091.7	1086.0	1091.7	1077.3	1048.5	1011.2	966.4	912.2	854.4
-45°	841.3	856.2	866.0	872.1	866.0	856.2	841.3	819.0	787.0	746.4	699.6
-47.5°	690.1	702.4	709.1	710.3	709.1	702.4	690.1	672.7	648.8	619.1	584.9
-50°	572.8	583.3	587.9	586.6	587.9	583.3	572.8	559.2	541.6	519.0	492.9
-52.5°	477.0	483.1	487.2	489.2	487.2	483.1	477.0	468.4	456.4	438.6	418.2
-55°	403.3	408.0	410.8	411.7	410.8	408.0	403.3	396.5	387.6	373.4	357.7
-57.5°	343.6	348.1	349.7	349.1	349.7	348.1	343.6	337.8	330.9	320.2	308.1
-60°	291.9	294.5	296.4	297.4	296.4	294.5	291.9	288.3	283.5	275.3	265.5
-62.5°	248.0	250.4	252.4	253.6	252.4	250.4	248.0	244.7	240.5	234.2	226.6
-65°	204.0	205.1	205.4	204.9	205.4	205.1	204.0	202.1	199.5	195.4	189.9
-67.5°	167.7	168.6	169.2	169.3	169.2	168.6	167.7	166.3	164.4	161.5	157.4
-70°	136.4	136.8	136.3	135.2	136.3	136.8	136.4	135.8	135.2	133.9	130.7
-72.5°	101.8	98.1	94.4	90.3	94.4	98.1	101.8	105.4	108.9	110.8	108.6
-75°	74.9	68.6	66.3	64.1	66.3	68.6	74.9	81.0	86.9	91.2	89.5
-77.5°	55.7	49.1	47.4	45.7	47.4	49.1	55.7	62.0	68.1	72.8	71.6
-80°	39.6	34.5	33.3	32.2	33.3	34.5	39.6	44.5	49.3	53.3	53.1
-82.5°	26.0	22.4	21.7	21.0	21.7	22.4	26.0	29.5	32.8	35.7	35.3
-85°	14.0	12.4	12.0	11.6	12.0	12.4	14.0	15.6	17.1	18.5	18.1
-87.5°	4.3	4.1	4.1	4.1	4.1	4.1	4.3	4.6	4.8	5.0	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-WR-VSR-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°	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
82.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
80°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
72.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4
67.5°	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4
65°	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.3	0.4	0.4	0.3	0.4	0.5	0.5	0.5	0.5	0.6	0.9
60°	1.2	0.6	1.4	1.6	1.2	1.2	2.1	2.0	0.7	2.8	3.4
57.5°	8.2	7.5	10.8	10.5	6.3	9.0	10.7	7.2	5.0	7.9	9.6
55°	35.8	35.0	34.1	32.2	29.5	27.5	27.1	27.0	21.4	15.5	17.6
52.5°	78.6	70.0	63.8	60.8	56.5	50.0	44.8	43.7	42.4	35.1	29.0
50°	101.0	99.4	92.7	82.5	81.5	75.0	65.9	59.6	58.8	53.8	44.6
47.5°	145.1	145.1	131.4	118.9	115.2	109.6	98.1	81.1	79.6	75.3	65.0
45°	235.1	218.7	211.1	187.0	160.9	150.8	141.2	120.9	104.2	97.6	90.4
42.5°	318.5	294.2	274.2	250.0	221.2	196.0	178.0	155.6	135.5	121.6	111.2
40°	396.6	357.4	329.6	299.3	267.9	236.7	214.4	186.2	163.3	144.6	133.6
37.5°	494.2	440.3	409.5	362.2	322.7	290.4	261.9	226.0	189.2	174.0	160.4
35°	637.8	574.1	538.0	480.5	400.6	372.0	334.8	281.1	234.5	208.5	191.7
32.5°	895.5	800.2	733.7	657.0	551.2	475.9	426.5	366.8	292.1	254.6	226.7
30°	1157.2	1028.4	935.2	857.2	716.7	605.8	529.5	445.0	364.5	303.7	265.7
27.5°	1334.5	1207.9	1091.9	979.9	866.0	737.3	623.0	514.5	426.5	358.5	309.5
25°	1490.1	1346.9	1216.2	1094.8	973.2	848.0	709.6	587.8	484.5	406.6	342.7
22.5°	1644.1	1491.8	1343.7	1202.5	1079.1	945.2	799.0	658.8	540.1	459.4	382.6
20°	1818.7	1643.3	1472.4	1338.9	1198.3	1045.6	883.0	749.3	633.0	522.6	426.3
17.5°	2068.5	1834.2	1677.2	1526.8	1344.2	1157.5	1016.3	876.2	733.0	589.2	472.1
15°	2406.9	2164.9	1985.0	1779.0	1528.1	1335.4	1180.1	1010.0	840.3	668.2	526.6
12.5°	2809.3	2515.7	2303.8	2010.4	1728.1	1519.6	1344.1	1153.6	945.2	739.5	577.3
10°	3062.4	2746.0	2444.3	2162.5	1904.9	1690.2	1469.7	1237.1	1005.3	793.3	621.2
7.5°	3197.0	2859.7	2548.2	2266.5	2003.7	1755.1	1520.3	1286.1	1053.6	835.4	658.2
5°	3286.4	2944.1	2618.8	2317.7	2048.9	1798.7	1558.1	1319.2	1090.0	866.4	688.5
2.5°	3352.3	2999.0	2664.1	2347.3	2074.1	1825.0	1582.1	1338.5	1109.0	883.0	699.1
0°	3385.0	3016.4	2680.7	2367.2	2085.8	1830.7	1591.3	1345.6	1113.3	890.1	703.5
-2.5°	3378.4	3005.3	2666.5	2366.6	2086.6	1825.4	1592.6	1349.4	1114.6	895.4	706.6
-5°	3343.6	2986.6	2650.4	2350.0	2074.2	1812.8	1580.1	1341.1	1105.8	891.2	703.7
-7.5°	3273.3	2930.3	2604.2	2311.9	2042.4	1786.8	1554.7	1320.9	1088.1	876.6	694.9
-10°	3167.5	2840.4	2530.2	2253.6	1991.1	1744.3	1517.1	1286.7	1058.9	852.7	679.6
-12.5°	3036.4	2727.7	2431.9	2174.4	1923.8	1688.1	1466.2	1238.4	1018.2	819.6	657.9
-15°	2876.3	2599.2	2331.7	2082.1	1845.1	1616.8	1400.1	1178.4	966.6	776.8	629.8
-17.5°	2713.9	2456.7	2205.8	1968.8	1749.1	1532.4	1322.2	1111.6	909.0	730.8	596.8
-20°	2533.1	2295.6	2063.5	1848.6	1643.7	1437.9	1235.3	1032.8	843.0	687.7	567.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2336.9	2124.8	1914.7	1720.8	1529.2	1331.8	1137.9	946.8	766.7	639.4	534.6
-25°	2138.3	1945.6	1757.3	1578.9	1399.2	1212.9	1033.7	859.2	710.3	593.8	498.8
-27.5°	1938.9	1764.4	1590.6	1425.7	1256.5	1092.4	928.7	770.4	649.2	550.1	465.5
-30°	1741.8	1584.1	1425.1	1267.6	1114.5	964.6	818.2	698.4	593.0	503.5	428.2
-32.5°	1538.6	1401.5	1256.6	1109.0	970.0	837.7	726.5	625.5	534.4	460.5	395.1
-35°	1341.1	1215.0	1081.6	954.8	831.8	732.7	638.6	556.0	483.1	417.7	362.0
-37.5°	1139.4	1025.6	915.4	809.1	721.3	637.5	563.0	495.5	432.5	380.5	332.6
-40°	949.5	850.4	771.2	692.9	623.3	556.3	497.5	439.6	391.0	345.2	303.9
-42.5°	786.8	717.2	653.5	594.5	537.4	488.0	438.4	393.3	350.8	312.5	278.2
-45°	655.3	605.6	553.8	510.5	466.4	427.0	387.3	350.1	314.5	283.2	252.8
-47.5°	551.1	514.1	475.2	440.4	407.4	373.6	342.7	310.6	283.0	255.1	229.8
-50°	466.1	438.8	410.3	382.1	356.2	328.6	302.9	277.7	253.4	230.3	207.2
-52.5°	396.0	376.2	355.2	332.8	312.1	290.6	268.2	247.9	227.0	206.6	186.4
-55°	340.5	324.7	308.7	291.8	274.5	256.9	238.6	220.4	202.4	183.8	168.6
-57.5°	294.9	281.6	268.9	255.4	241.3	226.4	210.9	194.6	179.8	165.8	152.0
-60°	254.9	243.7	233.6	222.7	211.2	198.3	185.6	172.8	160.0	147.8	136.0
-62.5°	218.8	210.9	201.7	192.5	183.4	173.8	162.4	151.2	140.3	129.9	120.1
-65°	183.8	177.0	169.9	163.3	156.0	147.9	138.3	129.5	120.9	112.3	104.2
-67.5°	152.8	147.6	141.9	136.0	130.2	123.7	116.6	109.3	102.4	95.4	89.4
-70°	127.3	123.5	119.1	113.8	108.5	103.2	97.8	92.0	85.8	79.5	74.6
-72.5°	106.0	103.3	99.8	95.4	90.8	86.1	81.3	76.2	70.7	64.8	60.1
-75°	87.6	85.5	82.9	79.0	74.9	70.6	66.3	61.6	56.3	50.3	45.6
-77.5°	70.3	69.0	67.3	64.2	61.0	57.8	54.0	48.6	43.2	38.1	34.6
-80°	52.7	52.2	51.2	48.5	45.8	43.1	40.1	35.9	32.0	28.3	25.4
-82.5°	34.8	34.2	33.3	31.7	30.1	28.6	27.1	24.3	21.5	18.9	16.6
-85°	17.6	17.1	16.6	16.3	16.0	15.6	15.2	13.6	12.0	10.6	9.3
-87.5°	5.1	5.1	5.1	5.1	5.2	5.2	5.2	4.8	4.4	4.1	3.7
-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: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-WR-VSR-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4
65°	0.4	0.4	0.4	0.6	0.5	0.4	0.4	0.7	0.6	0.6	0.4
62.5°	0.8	0.4	1.0	1.3	0.9	0.7	0.6	1.6	1.0	0.7	0.5
60°	1.7	1.4	2.6	4.0	2.9	1.1	1.7	2.7	2.5	0.9	0.7
57.5°	8.6	3.9	5.8	7.6	7.2	4.1	3.3	4.6	4.2	2.4	1.0
55°	18.0	15.3	12.2	12.1	12.2	9.7	6.9	7.1	6.3	4.5	1.4
52.5°	27.3	26.5	23.6	19.2	17.6	15.9	13.0	10.1	9.4	6.7	3.5
50°	39.0	36.8	34.5	30.1	24.4	22.1	19.1	15.4	12.7	9.4	5.8
47.5°	52.3	48.6	45.1	40.8	34.5	28.7	25.3	20.9	16.4	12.8	8.2
45°	73.1	61.0	56.3	51.3	44.9	37.5	31.8	26.3	21.3	16.3	10.5
42.5°	94.4	77.6	67.8	62.1	55.4	47.1	38.4	32.3	26.1	19.8	13.3
40°	115.9	95.1	80.2	73.1	66.3	56.7	47.0	38.6	30.8	23.4	16.3
37.5°	139.1	114.7	94.5	84.6	77.4	67.0	55.6	45.0	35.6	27.4	19.3
35°	167.9	137.9	110.1	97.8	88.2	77.6	64.2	52.0	41.4	31.3	22.2
32.5°	200.4	163.5	132.4	112.3	99.1	88.3	73.3	59.9	47.3	35.3	25.1
30°	232.7	189.8	153.6	126.6	110.8	98.3	83.1	67.8	53.3	39.2	28.0
27.5°	257.3	212.6	173.4	143.7	123.7	108.3	92.8	75.8	59.4	43.6	31.3
25°	282.5	233.6	192.7	160.6	136.3	118.5	102.1	83.7	66.0	48.6	34.4
22.5°	311.9	253.7	208.9	175.8	149.7	128.8	111.0	91.8	72.6	53.5	37.5
20°	340.7	272.1	223.8	193.5	164.3	140.3	119.7	99.5	79.0	58.4	40.5
17.5°	370.2	298.1	248.6	211.9	179.4	151.7	128.3	106.8	85.3	63.1	43.3
15°	414.6	332.7	273.6	230.0	194.0	162.9	136.7	113.6	91.4	67.7	45.8
12.5°	456.5	365.3	297.9	247.7	208.0	173.8	144.9	120.1	97.2	71.5	48.0
10°	493.5	395.6	321.1	264.8	221.4	184.2	152.7	125.1	100.6	74.5	49.8
7.5°	525.7	423.5	343.0	281.1	232.7	191.2	156.7	127.7	103.2	77.2	51.5
5°	550.4	442.4	355.0	287.6	237.0	194.5	159.6	129.9	105.3	79.5	52.9
2.5°	558.5	448.7	359.8	291.2	240.1	196.8	161.8	131.5	106.8	81.3	54.1
0°	562.3	451.8	362.2	293.3	242.0	198.2	163.3	132.6	107.9	82.8	55.1
-2.5°	566.4	455.9	365.6	296.6	244.0	200.1	164.9	134.4	109.5	84.4	56.7
-5°	566.1	456.7	366.8	298.1	244.8	201.1	165.8	135.6	110.6	85.6	58.0
-7.5°	560.1	453.1	365.3	297.8	244.3	201.3	166.1	136.3	111.3	86.3	59.0
-10°	549.4	445.8	361.2	295.1	242.7	200.4	165.7	136.6	111.5	86.7	59.8
-12.5°	534.3	435.3	354.6	290.7	239.9	198.5	164.5	135.9	111.4	86.6	60.2
-15°	515.0	421.9	345.5	284.6	235.7	195.7	162.5	134.6	110.4	85.9	60.3
-17.5°	491.6	405.5	333.8	276.8	230.2	192.0	159.9	132.8	109.1	84.8	60.1
-20°	469.8	388.3	320.4	267.4	223.5	187.4	156.5	130.5	107.4	83.4	59.9

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	445.5	370.4	308.4	258.4	216.3	181.9	152.3	127.7	105.5	81.8	59.3
-25°	417.7	350.1	294.8	248.3	209.4	176.6	148.1	124.3	103.2	79.9	58.5
-27.5°	391.6	329.2	279.5	236.7	201.3	170.6	143.9	121.3	100.6	77.8	57.5
-30°	364.9	311.0	264.9	224.5	192.5	163.8	139.1	117.9	97.7	76.0	56.2
-32.5°	337.8	291.2	249.2	213.9	183.9	156.6	134.0	114.4	94.7	74.2	55.2
-35°	314.5	271.7	232.3	202.5	175.1	150.4	128.8	110.6	91.5	72.1	54.0
-37.5°	289.7	251.9	219.2	191.3	165.7	143.6	123.8	106.2	88.3	69.8	52.6
-40°	267.5	233.4	205.1	180.4	157.2	136.4	118.3	101.5	85.3	67.3	51.0
-42.5°	244.9	216.6	191.3	168.6	148.7	129.6	112.3	96.5	81.3	64.9	49.1
-45°	225.1	199.4	177.0	158.0	139.8	122.3	106.4	91.3	77.1	62.5	47.2
-47.5°	204.6	182.8	163.7	146.9	131.0	114.8	100.2	86.4	72.8	59.9	45.2
-50°	185.5	167.1	151.2	136.1	121.3	107.7	94.0	81.5	68.8	56.3	43.0
-52.5°	168.5	153.2	139.1	125.3	112.6	100.3	88.5	76.4	64.7	52.8	40.5
-55°	153.5	139.8	127.1	115.2	103.8	93.7	82.8	71.6	60.3	49.2	37.9
-57.5°	139.2	126.8	116.0	105.4	95.7	86.9	77.3	66.7	56.0	45.4	35.5
-60°	124.7	114.8	105.2	96.3	87.9	79.9	71.7	61.6	51.5	41.5	32.7
-62.5°	110.9	102.6	95.2	87.4	79.7	72.6	65.9	56.3	46.8	37.7	29.6
-65°	97.3	91.0	85.0	77.7	70.9	65.0	59.5	50.9	41.9	33.6	26.3
-67.5°	83.9	78.6	73.3	67.4	62.4	57.5	52.7	44.9	36.7	29.3	22.9
-70°	70.3	65.9	62.1	58.2	54.1	49.9	45.0	38.4	31.2	25.2	19.5
-72.5°	57.0	54.3	52.0	49.3	45.8	41.8	37.2	31.8	26.2	20.9	15.9
-75°	43.9	43.3	42.6	40.9	37.5	33.8	30.1	25.9	21.1	16.6	13.0
-77.5°	34.5	34.3	33.8	32.6	29.7	26.6	23.4	19.9	16.3	13.2	10.2
-80°	25.6	25.6	25.3	24.6	22.1	19.5	17.3	15.0	12.4	9.8	7.4
-82.5°	16.8	17.1	17.2	17.0	15.3	13.6	12.0	10.4	8.4	6.4	5.0
-85°	9.6	9.8	9.9	9.8	8.7	7.7	7.0	6.3	5.2	4.2	3.3
-87.5°	4.0	4.2	4.4	4.5	4.2	3.8	3.5	3.2	2.6	2.1	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626772 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-WR-VSR-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
67.5°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
65°	0.5	0.4	0.4	0.4	0.3	0.2	0.0
62.5°	0.5	0.5	0.4	0.4	0.4	0.2	0.0
60°	0.6	0.6	0.4	0.4	0.4	0.2	0.0
57.5°	1.0	0.7	0.5	0.4	0.4	0.2	0.0
55°	1.6	0.8	0.6	0.4	0.4	0.2	0.0
52.5°	2.2	1.0	0.7	0.4	0.4	0.2	0.0
50°	2.9	1.7	0.9	0.4	0.4	0.3	0.0
47.5°	3.8	2.4	1.0	0.4	0.4	0.3	0.0
45°	5.8	3.1	1.1	0.5	0.4	0.3	0.0
42.5°	7.9	3.9	1.3	0.6	0.4	0.3	0.0
40°	9.9	4.7	1.6	0.8	0.5	0.3	0.0
37.5°	11.9	5.6	2.3	0.9	0.5	0.3	0.0
35°	13.9	6.9	2.9	1.1	0.5	0.3	0.0
32.5°	16.0	8.5	3.6	1.3	0.5	0.3	0.0
30°	18.3	10.0	4.2	1.5	0.5	0.3	0.0
27.5°	20.6	11.5	5.0	1.7	0.5	0.4	0.0
25°	22.8	12.9	5.8	1.9	0.5	0.4	0.0
22.5°	24.8	14.3	6.5	2.1	0.6	0.4	0.0
20°	26.8	15.7	7.2	2.4	0.6	0.4	0.0
17.5°	28.7	16.9	7.9	2.6	0.6	0.4	0.0
15°	30.4	18.1	8.5	2.8	0.6	0.4	0.0
12.5°	32.0	19.2	9.2	3.1	0.6	0.4	0.0
10°	33.4	20.2	9.7	3.3	0.6	0.4	0.0
7.5°	34.6	21.1	10.3	3.5	0.7	0.4	0.0
5°	35.8	21.9	10.8	3.7	0.7	0.4	0.0
2.5°	36.7	22.6	11.2	3.9	0.7	0.4	0.0
0°	37.5	23.2	11.6	4.1	0.7	0.4	0.0
-2.5°	38.5	23.9	12.1	4.4	0.8	0.4	0.0
-5°	39.4	24.5	12.6	4.6	0.9	0.4	0.0
-7.5°	40.0	25.0	13.0	4.8	1.0	0.5	0.0
-10°	40.5	25.4	13.3	5.0	1.2	0.5	0.0
-12.5°	40.8	25.7	13.6	5.2	1.3	0.5	0.0
-15°	40.8	25.8	13.7	5.3	1.4	0.5	0.0
-17.5°	40.7	25.8	13.8	5.4	1.4	0.5	0.0
-20°	40.6	25.6	13.8	5.5	1.5	0.6	0.0

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CATALOG NUMBER: GFLD-SA1E-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	40.6	25.3	13.7	5.5	1.6	0.6	0.0
-25°	40.4	25.3	13.5	5.5	1.7	0.6	0.0
-27.5°	40.0	25.2	13.2	5.5	1.7	0.6	0.0
-30°	39.4	24.9	12.8	5.4	1.8	0.6	0.0
-32.5°	38.6	24.5	12.6	5.3	1.8	0.6	0.0
-35°	37.9	23.9	12.3	5.1	1.8	0.6	0.0
-37.5°	37.0	23.2	12.0	4.9	1.8	0.6	0.0
-40°	36.0	22.7	11.5	4.7	1.8	0.6	0.0
-42.5°	34.7	22.0	11.1	4.5	1.8	0.6	0.0
-45°	33.2	21.1	10.9	4.3	1.8	0.6	0.0
-47.5°	31.5	20.1	10.6	4.1	1.7	0.5	0.0
-50°	30.1	19.0	10.2	4.0	1.7	0.5	0.0
-52.5°	28.5	17.7	9.6	4.0	1.6	0.5	0.0
-55°	26.7	16.6	9.0	3.9	1.5	0.5	0.0
-57.5°	24.8	15.5	8.2	3.7	1.4	0.5	0.0
-60°	22.8	14.2	7.3	3.5	1.4	0.4	0.0
-62.5°	20.8	12.8	6.8	3.3	1.3	0.4	0.0
-65°	18.6	11.2	6.2	3.0	1.2	0.4	0.0
-67.5°	16.2	9.8	5.6	2.6	1.1	0.3	0.0
-70°	13.6	8.6	4.9	2.3	1.0	0.3	0.0
-72.5°	11.6	7.3	4.1	2.0	0.9	0.3	0.0
-75°	9.5	5.9	3.2	1.8	0.8	0.2	0.0
-77.5°	7.4	4.5	2.7	1.5	0.6	0.2	0.0
-80°	5.1	3.4	2.2	1.2	0.5	0.2	0.0
-82.5°	3.8	2.6	1.6	0.9	0.4	0.1	0.0
-85°	2.5	1.7	1.1	0.6	0.3	0.1	0.0
-87.5°	1.3	0.9	0.6	0.3	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)