

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: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-740-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N29
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

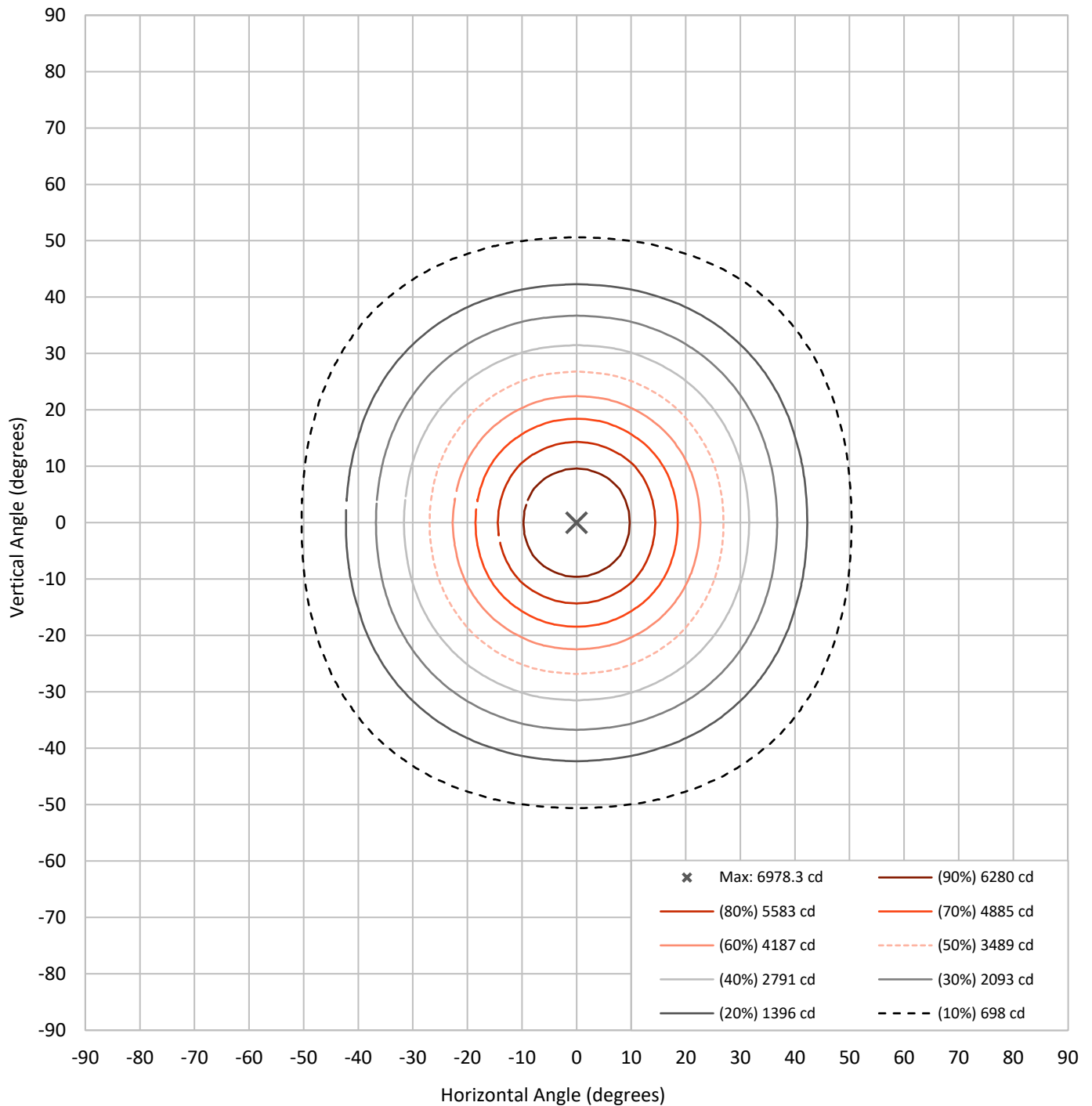
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7102.3 lumens	Max Intensity:	6978.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	3395.9 lumens	Field Lumens:	6268 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	57.3		
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





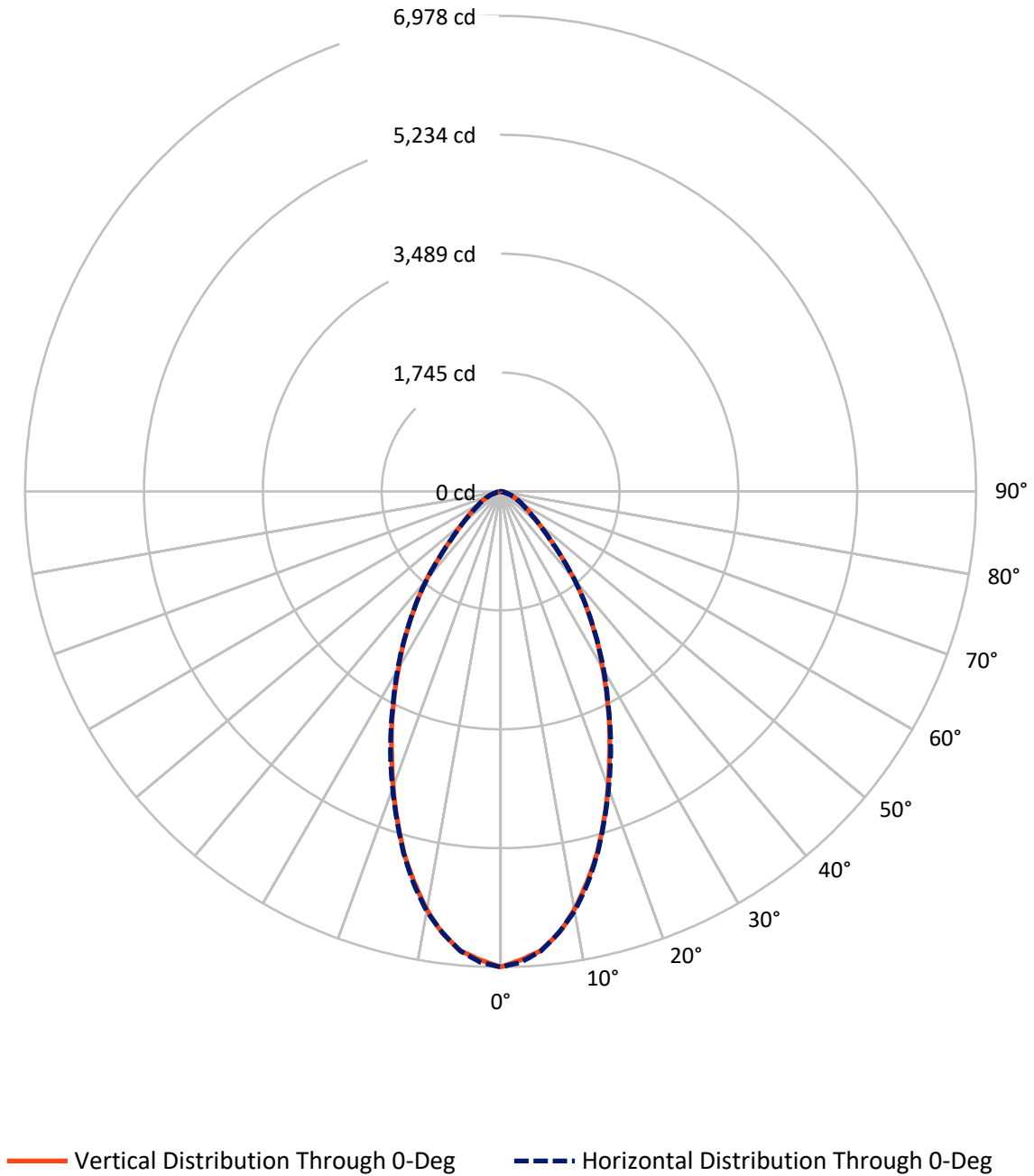
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Lumen Table

90																			
80	0.3	2.0		4.5		7.4		6.4		7.4		4.5		2.0		0.3			
70																			
60	0.9	1.1	2.0	3.3	4.7	6.1	7.2	7.7	7.7	7.2	6.1	4.7	3.3	2.0	1.1	0.9			
50		1.5	3.1	5.3	8.2	11.2	14.0	15.6	15.6	14.0	11.2	8.2	5.3	3.1	1.5				
40	1.4	2.0	4.3	8.0	13.4	20.6	28.4	33.6	33.6	28.4	20.6	13.4	8.0	4.3	2.0	1.4			
30		2.4	5.6	11.6	22.5	40.0	58.1	68.9	68.9	58.1	40.0	22.5	11.6	5.6	2.4				
20	1.6	2.8	6.9	16.2	36.4	65.4	93.6	111.9	111.9	93.6	65.4	36.4	16.2	6.9	2.8	1.6			
10		3.1	8.1	21.0	49.7	88.3	130.4	160.4	160.4	130.4	88.3	49.7	21.0	8.1	3.1				
0	1.7	3.2	8.8	24.1	57.2	102.7	156.3	196.5	196.5	156.3	102.7	57.2	24.1	8.8	3.2	1.7			
-10		3.2	8.8	24.1	57.2	102.7	156.3	196.5	196.5	156.3	102.7	57.2	24.1	8.8	3.2				
-20	1.6	3.1	8.1	21.0	49.7	88.3	130.4	160.4	160.4	130.4	88.3	49.7	21.0	8.1	3.1	1.6			
-30		2.8	6.9	16.2	36.4	65.4	93.6	111.9	111.9	93.6	65.4	36.4	16.2	6.9	2.8				
-40	1.4	2.4	5.6	11.6	22.5	40.0	58.1	68.9	68.9	58.1	40.0	22.5	11.6	5.6	2.4	1.4			
-50		2.0	4.3	8.0	13.4	20.6	28.4	33.6	33.6	28.4	20.6	13.4	8.0	4.3	2.0				
-60	0.9	1.5	3.1	5.3	8.2	11.2	14.0	15.6	15.6	14.0	11.2	8.2	5.3	3.1	1.5	0.9			
-70		1.1	2.0	3.3	4.7	6.1	7.2	7.7	7.7	7.2	6.1	4.7	3.3	2.0	1.1				
-80																			
-90	0.3	2.0		4.5		7.4		6.4		7.4		4.5		2.0		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

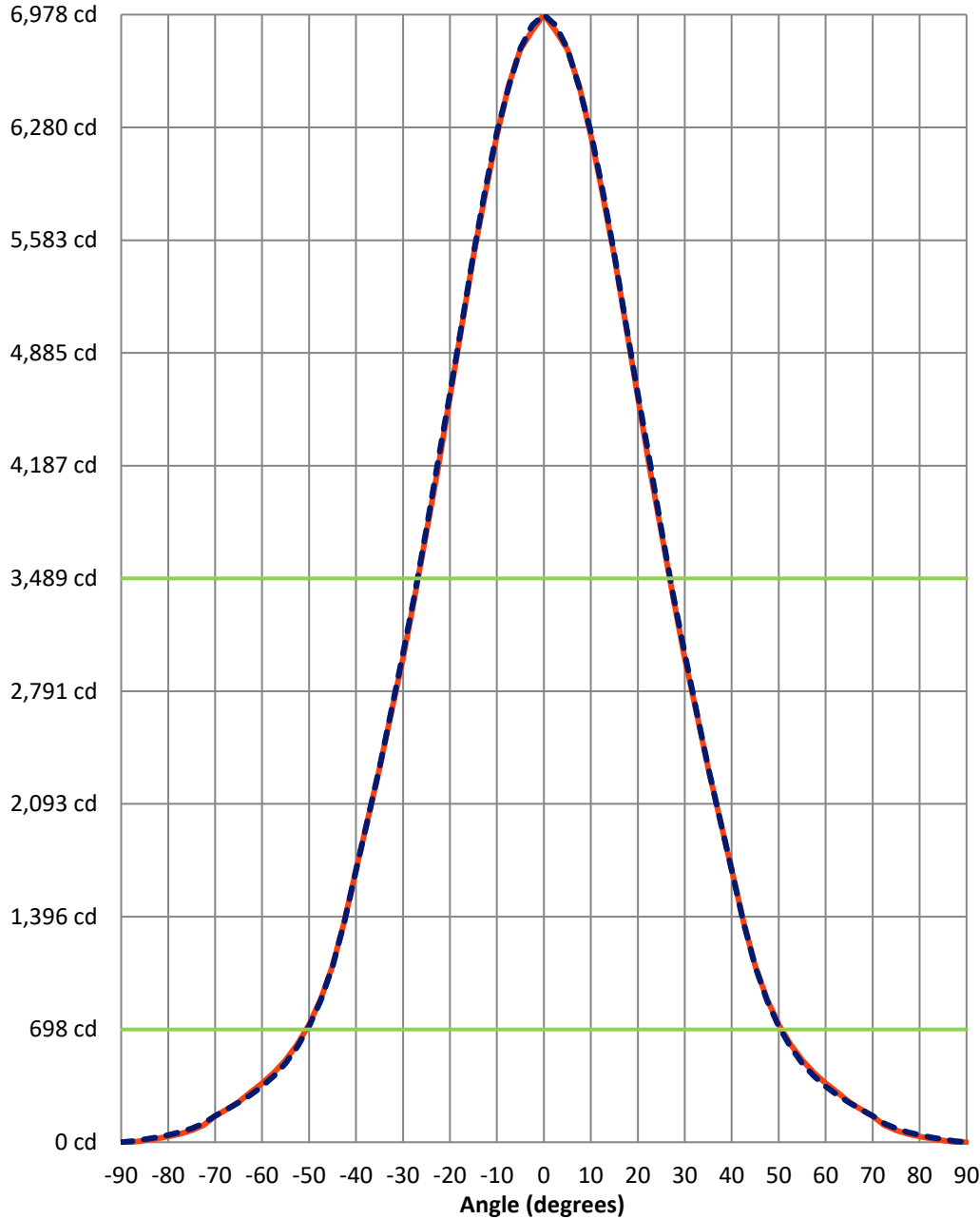
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 3395.9
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 6268
 Efficiency: 88.3%

Spill:
 Lumens: 834.3
 Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.0	4.2	4.4
85°	0.0	0.7	1.6	2.7	3.8	5.2	6.6	7.3	7.9	8.4	8.8
82.5°	0.0	1.1	2.4	4.0	5.8	7.7	9.9	11.0	12.1	14.1	15.8
80°	0.0	1.4	3.2	5.3	7.6	10.2	13.4	16.7	19.6	22.1	24.4
77.5°	0.0	1.8	4.0	6.6	9.5	13.3	19.2	23.4	26.9	30.1	33.3
75°	0.0	2.1	4.8	7.9	11.5	17.4	24.8	30.1	34.3	38.6	43.2
72.5°	0.0	2.4	5.6	9.1	14.2	21.4	30.2	36.7	41.7	47.2	53.0
70°	0.0	2.8	6.3	10.4	16.9	25.2	35.3	42.9	49.0	55.6	63.5
67.5°	0.0	3.1	7.0	12.0	19.4	28.9	39.8	48.9	56.2	64.4	73.8
65°	0.0	3.4	7.7	13.6	21.8	32.2	44.0	54.8	63.2	72.8	83.5
62.5°	0.0	3.7	8.4	15.0	24.1	35.3	48.0	60.5	70.0	80.9	92.6
60°	0.0	4.0	9.1	16.4	26.2	38.1	51.7	65.8	76.4	88.7	101.4
57.5°	0.0	4.3	9.8	17.7	28.2	40.8	55.1	70.6	83.0	96.3	109.5
55°	0.0	4.5	10.6	18.9	30.0	43.3	58.2	74.4	89.4	103.5	117.2
52.5°	0.0	4.8	11.3	20.0	31.7	45.5	61.1	78.6	95.5	110.4	124.8
50°	0.0	5.0	12.0	20.9	33.2	47.6	63.6	82.5	101.4	117.2	133.1
47.5°	0.0	5.3	12.7	21.8	34.6	49.5	66.1	86.0	107.3	123.7	141.3
45°	0.0	5.5	13.3	22.7	35.8	51.1	68.8	89.3	111.5	130.8	149.2
42.5°	0.0	5.7	13.9	23.5	36.8	52.6	71.2	92.4	115.3	137.6	157.4
40°	0.0	5.9	14.4	24.4	37.8	53.8	73.3	95.4	119.1	143.9	165.3
37.5°	0.0	6.1	15.0	25.3	38.6	54.8	75.1	98.2	123.2	149.0	172.8
35°	0.0	6.2	15.4	26.1	39.3	55.9	76.6	100.7	127.2	154.5	180.5
32.5°	0.0	6.4	15.9	26.8	39.8	57.0	78.0	102.8	131.0	160.1	188.4
30°	0.0	6.5	16.3	27.5	40.2	57.8	79.6	104.9	134.6	165.8	195.8
27.5°	0.0	6.6	16.6	28.1	41.0	58.4	80.8	107.5	138.4	171.4	202.7
25°	0.0	6.7	16.9	28.6	41.9	58.8	81.8	109.8	142.6	177.0	209.2
22.5°	0.0	6.8	17.2	29.0	42.6	59.2	82.5	111.9	146.6	182.1	216.3
20°	0.0	6.9	17.5	29.4	43.2	60.3	82.9	113.6	150.3	186.7	222.6
17.5°	0.0	6.9	17.7	29.7	43.8	61.2	83.8	115.0	153.8	190.7	228.2
15°	0.0	7.0	17.8	29.9	44.2	61.9	84.9	116.3	156.9	194.2	232.9
12.5°	0.0	7.0	17.9	30.0	44.5	62.4	85.7	117.5	159.5	197.1	236.9
10°	0.0	7.0	18.0	30.1	44.7	62.7	86.2	118.2	161.5	199.5	240.2
7.5°	0.0	7.0	18.0	30.1	44.8	62.8	86.4	118.3	163.0	201.4	242.7
5°	0.0	7.0	18.0	30.0	44.8	62.7	86.3	118.0	163.7	202.6	244.3
2.5°	0.0	6.9	17.9	29.8	44.6	62.5	86.0	117.2	163.8	203.3	245.1
0°	0.0	6.9	17.8	29.6	44.4	62.1	85.3	115.9	163.2	203.2	245.1
-2.5°	0.0	6.9	17.9	29.8	44.6	62.5	86.0	117.2	163.8	203.3	245.1
-5°	0.0	7.0	18.0	30.0	44.8	62.7	86.3	118.0	163.7	202.6	244.3
-7.5°	0.0	7.0	18.0	30.1	44.8	62.8	86.4	118.3	163.0	201.4	242.7
-10°	0.0	7.0	18.0	30.1	44.7	62.7	86.2	118.2	161.5	199.5	240.2
-12.5°	0.0	7.0	17.9	30.0	44.5	62.4	85.7	117.5	159.5	197.1	236.9
-15°	0.0	7.0	17.8	29.9	44.2	61.9	84.9	116.3	156.9	194.2	232.9
-17.5°	0.0	6.9	17.7	29.7	43.8	61.2	83.8	115.0	153.8	190.7	228.2
-20°	0.0	6.9	17.5	29.4	43.2	60.3	82.9	113.6	150.3	186.7	222.6

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.8	17.2	29.0	42.6	59.2	82.5	111.9	146.6	182.1	216.3
-25°	0.0	6.7	16.9	28.6	41.9	58.8	81.8	109.8	142.6	177.0	209.2
-27.5°	0.0	6.6	16.6	28.1	41.0	58.4	80.8	107.5	138.4	171.4	202.7
-30°	0.0	6.5	16.3	27.5	40.2	57.8	79.6	104.9	134.6	165.8	195.8
-32.5°	0.0	6.4	15.9	26.8	39.8	57.0	78.0	102.8	131.0	160.1	188.4
-35°	0.0	6.2	15.4	26.1	39.3	55.9	76.6	100.7	127.2	154.5	180.5
-37.5°	0.0	6.1	15.0	25.3	38.6	54.8	75.1	98.2	123.2	149.0	172.8
-40°	0.0	5.9	14.4	24.4	37.8	53.8	73.3	95.4	119.1	143.9	165.3
-42.5°	0.0	5.7	13.9	23.5	36.8	52.6	71.2	92.4	115.3	137.6	157.4
-45°	0.0	5.5	13.3	22.7	35.8	51.1	68.8	89.3	111.5	130.8	149.2
-47.5°	0.0	5.3	12.7	21.8	34.6	49.5	66.1	86.0	107.3	123.7	141.3
-50°	0.0	5.0	12.0	20.9	33.2	47.6	63.6	82.5	101.4	117.2	133.1
-52.5°	0.0	4.8	11.3	20.0	31.7	45.5	61.1	78.6	95.5	110.4	124.8
-55°	0.0	4.5	10.6	18.9	30.0	43.3	58.2	74.4	89.4	103.5	117.2
-57.5°	0.0	4.3	9.8	17.7	28.2	40.8	55.1	70.6	83.0	96.3	109.5
-60°	0.0	4.0	9.1	16.4	26.2	38.1	51.7	65.8	76.4	88.7	101.4
-62.5°	0.0	3.7	8.4	15.0	24.1	35.3	48.0	60.5	70.0	80.9	92.6
-65°	0.0	3.4	7.7	13.6	21.8	32.2	44.0	54.8	63.2	72.8	83.5
-67.5°	0.0	3.1	7.0	12.0	19.4	28.9	39.8	48.9	56.2	64.4	73.8
-70°	0.0	2.8	6.3	10.4	16.9	25.2	35.3	42.9	49.0	55.6	63.5
-72.5°	0.0	2.4	5.6	9.1	14.2	21.4	30.2	36.7	41.7	47.2	53.0
-75°	0.0	2.1	4.8	7.9	11.5	17.4	24.8	30.1	34.3	38.6	43.2
-77.5°	0.0	1.8	4.0	6.6	9.5	13.3	19.2	23.4	26.9	30.1	33.3
-80°	0.0	1.4	3.2	5.3	7.6	10.2	13.4	16.7	19.6	22.1	24.4
-82.5°	0.0	1.1	2.4	4.0	5.8	7.7	9.9	11.0	12.1	14.1	15.8
-85°	0.0	0.7	1.6	2.7	3.8	5.2	6.6	7.3	7.9	8.4	8.8
-87.5°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.0	4.2	4.4
-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°	4.5	4.5	4.4	4.2	4.1	3.8	3.5	3.1	3.2	3.4	3.5
85°	8.9	8.9	9.6	10.3	10.6	10.7	10.5	10.0	11.3	12.8	14.4
82.5°	17.4	18.9	20.3	21.6	21.8	21.4	20.8	20.0	22.7	25.8	29.2
80°	26.6	28.8	31.4	33.8	34.3	34.1	33.4	32.1	35.6	40.5	45.9
77.5°	36.9	40.4	43.7	46.8	47.6	47.5	47.0	46.0	50.4	57.2	64.3
75°	47.8	52.1	56.3	60.0	61.6	61.8	61.6	62.7	68.5	76.4	83.4
72.5°	59.1	64.6	69.4	73.5	76.0	78.0	80.6	83.7	89.6	97.4	104.3
70°	71.2	77.2	82.2	86.8	90.7	94.9	100.4	105.8	112.0	119.8	127.0
67.5°	83.0	89.1	94.8	100.4	107.5	114.4	121.2	128.2	136.0	144.2	151.5
65°	94.0	100.9	107.8	115.9	125.2	133.0	141.3	150.5	160.7	170.0	178.4
62.5°	104.5	112.3	120.9	130.7	140.7	150.4	161.6	173.4	185.4	197.0	208.5
60°	113.4	123.1	133.5	144.6	156.2	169.3	182.5	196.6	210.9	224.8	239.0
57.5°	121.9	133.9	146.0	158.8	173.3	188.3	204.2	220.0	237.1	254.0	270.1
55°	130.8	145.0	158.6	173.9	190.4	208.2	226.0	245.2	264.1	285.3	305.0
52.5°	140.3	155.7	171.7	189.2	208.5	228.5	249.5	271.5	295.0	318.6	342.5
50°	149.5	166.9	184.8	205.7	227.3	250.1	274.3	300.0	327.3	354.6	383.6
47.5°	159.2	177.8	199.5	222.3	247.0	273.0	300.4	330.9	361.3	395.7	429.0
45°	168.8	190.1	213.7	240.1	267.3	296.5	329.1	362.6	401.4	440.3	484.0
42.5°	177.9	202.5	229.2	257.4	288.3	321.9	358.0	400.1	443.9	492.0	543.3
40°	188.5	214.3	244.4	275.9	309.4	347.9	391.3	438.1	491.4	548.5	606.7
37.5°	198.6	227.7	259.5	293.6	332.5	375.8	423.8	481.1	542.7	607.5	686.8
35°	208.2	240.5	275.0	312.4	354.5	404.7	462.0	525.3	596.3	679.9	772.4
32.5°	218.4	252.5	289.6	331.6	379.3	434.1	499.1	573.7	657.7	752.9	868.7
30°	228.6	265.0	304.1	349.5	402.6	466.0	539.9	622.4	719.0	838.4	974.4
27.5°	238.1	276.6	319.4	368.6	425.4	495.5	579.2	675.8	789.6	924.6	1083.4
25°	246.8	287.1	333.5	386.7	450.4	527.3	618.0	725.0	860.2	1021.2	1216.6
22.5°	255.1	296.8	346.2	403.1	472.9	558.1	660.2	782.7	932.1	1112.8	1347.0
20°	262.8	307.2	358.9	418.7	493.1	585.8	699.0	836.4	1006.5	1220.4	1475.0
17.5°	269.7	316.4	370.9	435.5	515.5	614.1	735.6	883.9	1072.7	1316.6	1593.0
15°	275.6	324.3	381.3	450.1	535.7	642.2	774.0	936.0	1141.8	1404.0	1696.7
12.5°	280.5	330.9	390.0	462.4	552.7	665.9	806.7	982.4	1209.1	1486.3	1787.7
10°	284.4	336.2	397.0	472.3	566.4	685.2	833.7	1020.4	1265.1	1556.8	1864.7
7.5°	287.6	340.4	402.3	479.8	576.7	700.0	854.8	1049.6	1308.9	1612.7	1923.8
5°	289.9	343.3	406.4	485.1	584.3	710.2	869.4	1070.1	1340.0	1653.3	1964.2
2.5°	291.2	345.0	408.8	487.9	589.0	716.0	877.2	1083.0	1357.1	1676.3	1988.6
0°	291.5	345.2	409.4	488.3	590.4	717.1	878.4	1087.0	1360.7	1682.3	1997.5
-2.5°	291.2	345.0	408.8	487.9	589.0	716.0	877.2	1083.0	1357.1	1676.3	1988.6
-5°	289.9	343.3	406.4	485.1	584.3	710.2	869.4	1070.1	1340.0	1653.3	1964.2
-7.5°	287.6	340.4	402.3	479.8	576.7	700.0	854.8	1049.6	1308.9	1612.7	1923.8
-10°	284.4	336.2	397.0	472.3	566.4	685.2	833.7	1020.4	1265.1	1556.8	1864.7
-12.5°	280.5	330.9	390.0	462.4	552.7	665.9	806.7	982.4	1209.1	1486.3	1787.7
-15°	275.6	324.3	381.3	450.1	535.7	642.2	774.0	936.0	1141.8	1404.0	1696.7
-17.5°	269.7	316.4	370.9	435.5	515.5	614.1	735.6	883.9	1072.7	1316.6	1593.0
-20°	262.8	307.2	358.9	418.7	493.1	585.8	699.0	836.4	1006.5	1220.4	1475.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	255.1	296.8	346.2	403.1	472.9	558.1	660.2	782.7	932.1	1112.8	1347.0
-25°	246.8	287.1	333.5	386.7	450.4	527.3	618.0	725.0	860.2	1021.2	1216.6
-27.5°	238.1	276.6	319.4	368.6	425.4	495.5	579.2	675.8	789.6	924.6	1083.4
-30°	228.6	265.0	304.1	349.5	402.6	466.0	539.9	622.4	719.0	838.4	974.4
-32.5°	218.4	252.5	289.6	331.6	379.3	434.1	499.1	573.7	657.7	752.9	868.7
-35°	208.2	240.5	275.0	312.4	354.5	404.7	462.0	525.3	596.3	679.9	772.4
-37.5°	198.6	227.7	259.5	293.6	332.5	375.8	423.8	481.1	542.7	607.5	686.8
-40°	188.5	214.3	244.4	275.9	309.4	347.9	391.3	438.1	491.4	548.5	606.7
-42.5°	177.9	202.5	229.2	257.4	288.3	321.9	358.0	400.1	443.9	492.0	543.3
-45°	168.8	190.1	213.7	240.1	267.3	296.5	329.1	362.6	401.4	440.3	484.0
-47.5°	159.2	177.8	199.5	222.3	247.0	273.0	300.4	330.9	361.3	395.7	429.0
-50°	149.5	166.9	184.8	205.7	227.3	250.1	274.3	300.0	327.3	354.6	383.6
-52.5°	140.3	155.7	171.7	189.2	208.5	228.5	249.5	271.5	295.0	318.6	342.5
-55°	130.8	145.0	158.6	173.9	190.4	208.2	226.0	245.2	264.1	285.3	305.0
-57.5°	121.9	133.9	146.0	158.8	173.3	188.3	204.2	220.0	237.1	254.0	270.1
-60°	113.4	123.1	133.5	144.6	156.2	169.3	182.5	196.6	210.9	224.8	239.0
-62.5°	104.5	112.3	120.9	130.7	140.7	150.4	161.6	173.4	185.4	197.0	208.5
-65°	94.0	100.9	107.8	115.9	125.2	133.0	141.3	150.5	160.7	170.0	178.4
-67.5°	83.0	89.1	94.8	100.4	107.5	114.4	121.2	128.2	136.0	144.2	151.5
-70°	71.2	77.2	82.2	86.8	90.7	94.9	100.4	105.8	112.0	119.8	127.0
-72.5°	59.1	64.6	69.4	73.5	76.0	78.0	80.6	83.7	89.6	97.4	104.3
-75°	47.8	52.1	56.3	60.0	61.6	61.8	61.6	62.7	68.5	76.4	83.4
-77.5°	36.9	40.4	43.7	46.8	47.6	47.5	47.0	46.0	50.4	57.2	64.3
-80°	26.6	28.8	31.4	33.8	34.3	34.1	33.4	32.1	35.6	40.5	45.9
-82.5°	17.4	18.9	20.3	21.6	21.8	21.4	20.8	20.0	22.7	25.8	29.2
-85°	8.9	8.9	9.6	10.3	10.6	10.7	10.5	10.0	11.3	12.8	14.4
-87.5°	4.5	4.5	4.4	4.2	4.1	3.8	3.5	3.1	3.2	3.4	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: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-WR-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°	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.7	2.5
85°	16.0	16.4	16.6	16.7	16.7	17.2	17.7	18.2	18.6	16.8	14.9
82.5°	32.6	34.2	35.5	36.8	38.1	39.1	39.7	40.2	40.5	36.7	32.4
80°	51.3	54.6	57.2	59.8	62.2	62.8	62.8	62.4	61.8	56.5	50.6
77.5°	71.4	75.6	78.9	82.3	85.5	86.7	87.3	87.7	88.0	81.5	73.5
75°	89.6	94.6	99.3	103.6	107.6	109.8	111.0	112.0	112.8	106.3	97.7
72.5°	110.4	115.7	120.7	125.5	129.8	132.6	134.4	135.9	137.1	133.4	128.0
70°	133.2	138.7	144.0	149.0	153.8	157.6	160.6	163.1	165.3	165.7	165.5
67.5°	158.5	165.0	171.4	176.8	182.5	187.9	192.5	196.4	199.6	201.6	202.8
65°	186.9	196.7	205.4	212.7	218.9	226.0	232.3	237.1	240.5	243.1	245.3
62.5°	220.4	232.3	242.2	252.0	262.1	272.0	278.1	284.3	290.4	296.1	300.9
60°	252.7	265.6	279.1	291.6	303.3	313.9	325.0	334.8	343.3	350.5	355.8
57.5°	287.1	302.9	318.1	334.0	349.0	363.0	376.6	389.2	400.1	409.3	416.8
55°	324.4	343.6	361.8	382.0	401.6	419.5	435.9	452.8	468.0	481.3	491.9
52.5°	364.5	389.7	413.8	437.5	462.9	485.8	506.3	529.6	550.3	567.4	580.8
50°	412.6	442.1	473.9	503.3	535.3	566.8	595.9	624.0	651.6	675.4	694.7
47.5°	467.3	503.6	543.0	581.9	621.7	664.8	703.2	739.0	777.5	810.9	837.8
45°	528.0	574.3	621.9	676.7	727.2	782.5	833.8	879.8	934.4	982.5	1021.2
42.5°	595.5	657.1	719.7	788.7	855.6	925.9	1000.6	1066.8	1139.3	1208.3	1264.1
40°	679.0	752.7	836.5	920.0	1016.1	1106.4	1215.2	1314.1	1403.8	1486.2	1553.6
37.5°	771.9	866.8	972.0	1080.8	1212.3	1341.2	1468.5	1588.8	1695.0	1785.1	1860.6
35°	877.4	998.0	1125.4	1284.2	1438.2	1592.6	1736.5	1867.9	1983.3	2085.0	2171.5
32.5°	998.6	1143.4	1321.7	1500.1	1675.9	1845.9	2003.8	2147.1	2273.7	2387.9	2487.3
30°	1126.1	1323.6	1523.8	1719.5	1911.5	2097.7	2271.0	2428.9	2571.9	2699.0	2813.5
27.5°	1288.1	1507.0	1725.3	1936.3	2147.5	2351.3	2539.1	2714.4	2878.6	3022.2	3153.1
25°	1444.9	1686.6	1918.7	2148.8	2378.7	2597.4	2807.4	3005.5	3193.5	3358.3	3504.5
22.5°	1601.5	1854.6	2102.6	2350.0	2596.9	2840.8	3076.6	3303.5	3513.8	3701.5	3866.0
20°	1746.7	2011.2	2276.4	2543.1	2810.8	3077.8	3342.6	3598.0	3832.2	4048.9	4239.3
17.5°	1876.8	2158.1	2439.3	2724.6	3014.7	3304.6	3598.8	3885.1	4152.8	4399.4	4620.3
15°	1992.0	2285.6	2587.5	2895.4	3206.9	3521.8	3842.8	4163.1	4464.5	4744.5	4991.2
12.5°	2092.8	2397.9	2714.4	3041.5	3379.7	3722.6	4073.0	4424.1	4757.7	5081.1	5347.4
10°	2175.9	2493.5	2824.3	3168.0	3524.6	3893.7	4269.6	4647.5	5015.2	5358.2	5662.7
7.5°	2240.1	2569.6	2910.5	3267.9	3642.0	4031.3	4429.4	4830.5	5222.9	5592.5	5929.4
5°	2285.3	2625.0	2970.1	3341.9	3729.1	4132.4	4546.3	4964.2	5374.4	5763.0	6112.2
2.5°	2311.6	2658.3	3004.9	3387.0	3780.9	4193.7	4618.7	5043.5	5464.5	5867.6	6226.5
0°	2318.5	2668.2	3024.8	3391.8	3797.2	4222.3	4632.2	5058.3	5495.8	5893.3	6250.8
-2.5°	2311.6	2658.3	3004.9	3387.0	3780.9	4193.7	4618.7	5043.5	5464.5	5867.6	6226.5
-5°	2285.3	2625.0	2970.1	3341.9	3729.1	4132.4	4546.3	4964.2	5374.4	5763.0	6112.2
-7.5°	2240.1	2569.6	2910.5	3267.9	3642.0	4031.3	4429.4	4830.5	5222.9	5592.5	5929.4
-10°	2175.9	2493.5	2824.3	3168.0	3524.6	3893.7	4269.6	4647.5	5015.2	5358.2	5662.7
-12.5°	2092.8	2397.9	2714.4	3041.5	3379.7	3722.6	4073.0	4424.1	4757.7	5081.1	5347.4
-15°	1992.0	2285.6	2587.5	2895.4	3206.9	3521.8	3842.8	4163.1	4464.5	4744.5	4991.2
-17.5°	1876.8	2158.1	2439.3	2724.6	3014.7	3304.6	3598.8	3885.1	4152.8	4399.4	4620.3
-20°	1746.7	2011.2	2276.4	2543.1	2810.8	3077.8	3342.6	3598.0	3832.2	4048.9	4239.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1601.5	1854.6	2102.6	2350.0	2596.9	2840.8	3076.6	3303.5	3513.8	3701.5	3866.0
-25°	1444.9	1686.6	1918.7	2148.8	2378.7	2597.4	2807.4	3005.5	3193.5	3358.3	3504.5
-27.5°	1288.1	1507.0	1725.3	1936.3	2147.5	2351.3	2539.1	2714.4	2878.6	3022.2	3153.1
-30°	1126.1	1323.6	1523.8	1719.5	1911.5	2097.7	2271.0	2428.9	2571.9	2699.0	2813.5
-32.5°	998.6	1143.4	1321.7	1500.1	1675.9	1845.9	2003.8	2147.1	2273.7	2387.9	2487.3
-35°	877.4	998.0	1125.4	1284.2	1438.2	1592.6	1736.5	1867.9	1983.3	2085.0	2171.5
-37.5°	771.9	866.8	972.0	1080.8	1212.3	1341.2	1468.5	1588.8	1695.0	1785.1	1860.6
-40°	679.0	752.7	836.5	920.0	1016.1	1106.4	1215.2	1314.1	1403.8	1486.2	1553.6
-42.5°	595.5	657.1	719.7	788.7	855.6	925.9	1000.6	1066.8	1139.3	1208.3	1264.1
-45°	528.0	574.3	621.9	676.7	727.2	782.5	833.8	879.8	934.4	982.5	1021.2
-47.5°	467.3	503.6	543.0	581.9	621.7	664.8	703.2	739.0	777.5	810.9	837.8
-50°	412.6	442.1	473.9	503.3	535.3	566.8	595.9	624.0	651.6	675.4	694.7
-52.5°	364.5	389.7	413.8	437.5	462.9	485.8	506.3	529.6	550.3	567.4	580.8
-55°	324.4	343.6	361.8	382.0	401.6	419.5	435.9	452.8	468.0	481.3	491.9
-57.5°	287.1	302.9	318.1	334.0	349.0	363.0	376.6	389.2	400.1	409.3	416.8
-60°	252.7	265.6	279.1	291.6	303.3	313.9	325.0	334.8	343.3	350.5	355.8
-62.5°	220.4	232.3	242.2	252.0	262.1	272.0	278.1	284.3	290.4	296.1	300.9
-65°	186.9	196.7	205.4	212.7	218.9	226.0	232.3	237.1	240.5	243.1	245.3
-67.5°	158.5	165.0	171.4	176.8	182.5	187.9	192.5	196.4	199.6	201.6	202.8
-70°	133.2	138.7	144.0	149.0	153.8	157.6	160.6	163.1	165.3	165.7	165.5
-72.5°	110.4	115.7	120.7	125.5	129.8	132.6	134.4	135.9	137.1	133.4	128.0
-75°	89.6	94.6	99.3	103.6	107.6	109.8	111.0	112.0	112.8	106.3	97.7
-77.5°	71.4	75.6	78.9	82.3	85.5	86.7	87.3	87.7	88.0	81.5	73.5
-80°	51.3	54.6	57.2	59.8	62.2	62.8	62.8	62.4	61.8	56.5	50.6
-82.5°	32.6	34.2	35.5	36.8	38.1	39.1	39.7	40.2	40.5	36.7	32.4
-85°	16.0	16.4	16.6	16.7	16.7	17.2	17.7	18.2	18.6	16.8	14.9
-87.5°	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.7	2.5
-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: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-WR-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°	2.2	2.0	1.7	1.5	1.7	2.0	2.2	2.5	2.7	2.9	3.0
85°	12.9	10.8	10.6	10.4	10.6	10.8	12.9	14.9	16.8	18.6	18.2
82.5°	27.9	23.1	22.4	21.7	22.4	23.1	27.9	32.4	36.7	40.5	40.2
80°	44.4	38.0	36.7	35.5	36.7	38.0	44.4	50.6	56.5	61.8	62.4
77.5°	65.1	56.3	53.7	51.3	53.7	56.3	65.1	73.5	81.5	88.0	87.7
75°	88.8	79.5	76.4	73.5	76.4	79.5	88.8	97.7	106.3	112.8	112.0
72.5°	122.6	117.0	111.3	105.1	111.3	117.0	122.6	128.0	133.4	137.1	135.9
70°	165.3	164.9	163.5	161.3	163.5	164.9	165.3	165.5	165.7	165.3	163.1
67.5°	203.3	203.1	203.6	203.7	203.6	203.1	203.3	202.8	201.6	199.6	196.4
65°	246.6	247.1	248.1	248.6	248.1	247.1	246.6	245.3	243.1	240.5	237.1
62.5°	304.6	307.1	308.4	308.3	308.4	307.1	304.6	300.9	296.1	290.4	284.3
60°	359.8	362.4	364.1	364.5	364.1	362.4	359.8	355.8	350.5	343.3	334.8
57.5°	422.7	427.0	429.3	429.6	429.3	427.0	422.7	416.8	409.3	400.1	389.2
55°	500.1	505.8	508.3	508.0	508.3	505.8	500.1	491.9	481.3	468.0	452.8
52.5°	590.9	597.8	603.0	606.1	603.0	597.8	590.9	580.8	567.4	550.3	529.6
50°	709.2	719.1	725.4	728.0	725.4	719.1	709.2	694.7	675.4	651.6	624.0
47.5°	857.2	870.3	880.0	886.8	880.0	870.3	857.2	837.8	810.9	777.5	739.0
45°	1049.8	1069.9	1083.5	1091.5	1083.5	1069.9	1049.8	1021.2	982.5	934.4	879.8
42.5°	1307.7	1338.8	1357.9	1365.2	1357.9	1338.8	1307.7	1264.1	1208.3	1139.3	1066.8
40°	1606.9	1644.3	1668.8	1685.8	1668.8	1644.3	1606.9	1553.6	1486.2	1403.8	1314.1
37.5°	1918.7	1957.9	1981.8	1998.0	1981.8	1957.9	1918.7	1860.6	1785.1	1695.0	1588.8
35°	2236.7	2277.7	2300.1	2312.6	2300.1	2277.7	2236.7	2171.5	2085.0	1983.3	1867.9
32.5°	2563.1	2608.4	2632.7	2657.9	2632.7	2608.4	2563.1	2487.3	2387.9	2273.7	2147.1
30°	2904.0	2956.0	2981.4	2993.7	2981.4	2956.0	2904.0	2813.5	2699.0	2571.9	2428.9
27.5°	3258.8	3323.6	3355.5	3376.5	3355.5	3323.6	3258.8	3153.1	3022.2	2878.6	2714.4
25°	3628.0	3708.2	3744.8	3777.4	3744.8	3708.2	3628.0	3504.5	3358.3	3193.5	3005.5
22.5°	4011.0	4110.9	4153.2	4176.4	4153.2	4110.9	4011.0	3866.0	3701.5	3513.8	3303.5
20°	4404.0	4523.4	4582.2	4612.4	4582.2	4523.4	4404.0	4239.3	4048.9	3832.2	3598.0
17.5°	4805.9	4954.4	5030.4	5047.9	5030.4	4954.4	4805.9	4620.3	4399.4	4152.8	3885.1
15°	5200.4	5361.1	5451.0	5483.9	5451.0	5361.1	5200.4	4991.2	4744.5	4464.5	4163.1
12.5°	5574.1	5740.5	5848.0	5867.1	5848.0	5740.5	5574.1	5347.4	5081.1	4757.7	4424.1
10°	5912.9	6085.4	6204.1	6231.1	6204.1	6085.4	5912.9	5662.7	5358.2	5015.2	4647.5
7.5°	6196.2	6385.5	6516.6	6539.4	6516.6	6385.5	6196.2	5929.4	5592.5	5222.9	4830.5
5°	6403.5	6628.2	6735.8	6762.8	6735.8	6628.2	6403.5	6112.2	5763.0	5374.4	4964.2
2.5°	6517.2	6745.9	6895.4	6878.2	6895.4	6745.9	6517.2	6226.5	5867.6	5464.5	5043.5
0°	6530.0	6769.2	6912.2	6978.3	6912.2	6769.2	6530.0	6250.8	5893.3	5495.8	5058.3
-2.5°	6517.2	6745.9	6895.4	6878.2	6895.4	6745.9	6517.2	6226.5	5867.6	5464.5	5043.5
-5°	6403.5	6628.2	6735.8	6762.8	6735.8	6628.2	6403.5	6112.2	5763.0	5374.4	4964.2
-7.5°	6196.2	6385.5	6516.6	6539.4	6516.6	6385.5	6196.2	5929.4	5592.5	5222.9	4830.5
-10°	5912.9	6085.4	6204.1	6231.1	6204.1	6085.4	5912.9	5662.7	5358.2	5015.2	4647.5
-12.5°	5574.1	5740.5	5848.0	5867.1	5848.0	5740.5	5574.1	5347.4	5081.1	4757.7	4424.1
-15°	5200.4	5361.1	5451.0	5483.9	5451.0	5361.1	5200.4	4991.2	4744.5	4464.5	4163.1
-17.5°	4805.9	4954.4	5030.4	5047.9	5030.4	4954.4	4805.9	4620.3	4399.4	4152.8	3885.1
-20°	4404.0	4523.4	4582.2	4612.4	4582.2	4523.4	4404.0	4239.3	4048.9	3832.2	3598.0



REPORT NUMBER: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4011.0	4110.9	4153.2	4176.4	4153.2	4110.9	4011.0	3866.0	3701.5	3513.8	3303.5
-25°	3628.0	3708.2	3744.8	3777.4	3744.8	3708.2	3628.0	3504.5	3358.3	3193.5	3005.5
-27.5°	3258.8	3323.6	3355.5	3376.5	3355.5	3323.6	3258.8	3153.1	3022.2	2878.6	2714.4
-30°	2904.0	2956.0	2981.4	2993.7	2981.4	2956.0	2904.0	2813.5	2699.0	2571.9	2428.9
-32.5°	2563.1	2608.4	2632.7	2657.9	2632.7	2608.4	2563.1	2487.3	2387.9	2273.7	2147.1
-35°	2236.7	2277.7	2300.1	2312.6	2300.1	2277.7	2236.7	2171.5	2085.0	1983.3	1867.9
-37.5°	1918.7	1957.9	1981.8	1998.0	1981.8	1957.9	1918.7	1860.6	1785.1	1695.0	1588.8
-40°	1606.9	1644.3	1668.8	1685.8	1668.8	1644.3	1606.9	1553.6	1486.2	1403.8	1314.1
-42.5°	1307.7	1338.8	1357.9	1365.2	1357.9	1338.8	1307.7	1264.1	1208.3	1139.3	1066.8
-45°	1049.8	1069.9	1083.5	1091.5	1083.5	1069.9	1049.8	1021.2	982.5	934.4	879.8
-47.5°	857.2	870.3	880.0	886.8	880.0	870.3	857.2	837.8	810.9	777.5	739.0
-50°	709.2	719.1	725.4	728.0	725.4	719.1	709.2	694.7	675.4	651.6	624.0
-52.5°	590.9	597.8	603.0	606.1	603.0	597.8	590.9	580.8	567.4	550.3	529.6
-55°	500.1	505.8	508.3	508.0	508.3	505.8	500.1	491.9	481.3	468.0	452.8
-57.5°	422.7	427.0	429.3	429.6	429.3	427.0	422.7	416.8	409.3	400.1	389.2
-60°	359.8	362.4	364.1	364.5	364.1	362.4	359.8	355.8	350.5	343.3	334.8
-62.5°	304.6	307.1	308.4	308.3	308.4	307.1	304.6	300.9	296.1	290.4	284.3
-65°	246.6	247.1	248.1	248.6	248.1	247.1	246.6	245.3	243.1	240.5	237.1
-67.5°	203.3	203.1	203.6	203.7	203.6	203.1	203.3	202.8	201.6	199.6	196.4
-70°	165.3	164.9	163.5	161.3	163.5	164.9	165.3	165.5	165.7	165.3	163.1
-72.5°	122.6	117.0	111.3	105.1	111.3	117.0	122.6	128.0	133.4	137.1	135.9
-75°	88.8	79.5	76.4	73.5	76.4	79.5	88.8	97.7	106.3	112.8	112.0
-77.5°	65.1	56.3	53.7	51.3	53.7	56.3	65.1	73.5	81.5	88.0	87.7
-80°	44.4	38.0	36.7	35.5	36.7	38.0	44.4	50.6	56.5	61.8	62.4
-82.5°	27.9	23.1	22.4	21.7	22.4	23.1	27.9	32.4	36.7	40.5	40.2
-85°	12.9	10.8	10.6	10.4	10.6	10.8	12.9	14.9	16.8	18.6	18.2
-87.5°	2.2	2.0	1.7	1.5	1.7	2.0	2.2	2.5	2.7	2.9	3.0
-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: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-WR-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°	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.5	3.4	3.2	3.1
85°	17.7	17.2	16.7	16.7	16.6	16.4	16.0	14.4	12.8	11.3	10.0
82.5°	39.7	39.1	38.1	36.8	35.5	34.2	32.6	29.2	25.8	22.7	20.0
80°	62.8	62.8	62.2	59.8	57.2	54.6	51.3	45.9	40.5	35.6	32.1
77.5°	87.3	86.7	85.5	82.3	78.9	75.6	71.4	64.3	57.2	50.4	46.0
75°	111.0	109.8	107.6	103.6	99.3	94.6	89.6	83.4	76.4	68.5	62.7
72.5°	134.4	132.6	129.8	125.5	120.7	115.7	110.4	104.3	97.4	89.6	83.7
70°	160.6	157.6	153.8	149.0	144.0	138.7	133.2	127.0	119.8	112.0	105.8
67.5°	192.5	187.9	182.5	176.8	171.4	165.0	158.5	151.5	144.2	136.0	128.2
65°	232.3	226.0	218.9	212.7	205.4	196.7	186.9	178.4	170.0	160.7	150.5
62.5°	278.1	272.0	262.1	252.0	242.2	232.3	220.4	208.5	197.0	185.4	173.4
60°	325.0	313.9	303.3	291.6	279.1	265.6	252.7	239.0	224.8	210.9	196.6
57.5°	376.6	363.0	349.0	334.0	318.1	302.9	287.1	270.1	254.0	237.1	220.0
55°	435.9	419.5	401.6	382.0	361.8	343.6	324.4	305.0	285.3	264.1	245.2
52.5°	506.3	485.8	462.9	437.5	413.8	389.7	364.5	342.5	318.6	295.0	271.5
50°	595.9	566.8	535.3	503.3	473.9	442.1	412.6	383.6	354.6	327.3	300.0
47.5°	703.2	664.8	621.7	581.9	543.0	503.6	467.3	429.0	395.7	361.3	330.9
45°	833.8	782.5	727.2	676.7	621.9	574.3	528.0	484.0	440.3	401.4	362.6
42.5°	1000.6	925.9	855.6	788.7	719.7	657.1	595.5	543.3	492.0	443.9	400.1
40°	1215.2	1106.4	1016.1	920.0	836.5	752.7	679.0	606.7	548.5	491.4	438.1
37.5°	1468.5	1341.2	1212.3	1080.8	972.0	866.8	771.9	686.8	607.5	542.7	481.1
35°	1736.5	1592.6	1438.2	1284.2	1125.4	998.0	877.4	772.4	679.9	596.3	525.3
32.5°	2003.8	1845.9	1675.9	1500.1	1321.7	1143.4	998.6	868.7	752.9	657.7	573.7
30°	2271.0	2097.7	1911.5	1719.5	1523.8	1323.6	1126.1	974.4	838.4	719.0	622.4
27.5°	2539.1	2351.3	2147.5	1936.3	1725.3	1507.0	1288.1	1083.4	924.6	789.6	675.8
25°	2807.4	2597.4	2378.7	2148.8	1918.7	1686.6	1444.9	1216.6	1021.2	860.2	725.0
22.5°	3076.6	2840.8	2596.9	2350.0	2102.6	1854.6	1601.5	1347.0	1112.8	932.1	782.7
20°	3342.6	3077.8	2810.8	2543.1	2276.4	2011.2	1746.7	1475.0	1220.4	1006.5	836.4
17.5°	3598.8	3304.6	3014.7	2724.6	2439.3	2158.1	1876.8	1593.0	1316.6	1072.7	883.9
15°	3842.8	3521.8	3206.9	2895.4	2587.5	2285.6	1992.0	1696.7	1404.0	1141.8	936.0
12.5°	4073.0	3722.6	3379.7	3041.5	2714.4	2397.9	2092.8	1787.7	1486.3	1209.1	982.4
10°	4269.6	3893.7	3524.6	3168.0	2824.3	2493.5	2175.9	1864.7	1556.8	1265.1	1020.4
7.5°	4429.4	4031.3	3642.0	3267.9	2910.5	2569.6	2240.1	1923.8	1612.7	1308.9	1049.6
5°	4546.3	4132.4	3729.1	3341.9	2970.1	2625.0	2285.3	1964.2	1653.3	1340.0	1070.1
2.5°	4618.7	4193.7	3780.9	3387.0	3004.9	2658.3	2311.6	1988.6	1676.3	1357.1	1083.0
0°	4632.2	4222.3	3797.2	3391.8	3024.8	2668.2	2318.5	1997.5	1682.3	1360.7	1087.0
-2.5°	4618.7	4193.7	3780.9	3387.0	3004.9	2658.3	2311.6	1988.6	1676.3	1357.1	1083.0
-5°	4546.3	4132.4	3729.1	3341.9	2970.1	2625.0	2285.3	1964.2	1653.3	1340.0	1070.1
-7.5°	4429.4	4031.3	3642.0	3267.9	2910.5	2569.6	2240.1	1923.8	1612.7	1308.9	1049.6
-10°	4269.6	3893.7	3524.6	3168.0	2824.3	2493.5	2175.9	1864.7	1556.8	1265.1	1020.4
-12.5°	4073.0	3722.6	3379.7	3041.5	2714.4	2397.9	2092.8	1787.7	1486.3	1209.1	982.4
-15°	3842.8	3521.8	3206.9	2895.4	2587.5	2285.6	1992.0	1696.7	1404.0	1141.8	936.0
-17.5°	3598.8	3304.6	3014.7	2724.6	2439.3	2158.1	1876.8	1593.0	1316.6	1072.7	883.9
-20°	3342.6	3077.8	2810.8	2543.1	2276.4	2011.2	1746.7	1475.0	1220.4	1006.5	836.4



REPORT NUMBER: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3076.6	2840.8	2596.9	2350.0	2102.6	1854.6	1601.5	1347.0	1112.8	932.1	782.7
-25°	2807.4	2597.4	2378.7	2148.8	1918.7	1686.6	1444.9	1216.6	1021.2	860.2	725.0
-27.5°	2539.1	2351.3	2147.5	1936.3	1725.3	1507.0	1288.1	1083.4	924.6	789.6	675.8
-30°	2271.0	2097.7	1911.5	1719.5	1523.8	1323.6	1126.1	974.4	838.4	719.0	622.4
-32.5°	2003.8	1845.9	1675.9	1500.1	1321.7	1143.4	998.6	868.7	752.9	657.7	573.7
-35°	1736.5	1592.6	1438.2	1284.2	1125.4	998.0	877.4	772.4	679.9	596.3	525.3
-37.5°	1468.5	1341.2	1212.3	1080.8	972.0	866.8	771.9	686.8	607.5	542.7	481.1
-40°	1215.2	1106.4	1016.1	920.0	836.5	752.7	679.0	606.7	548.5	491.4	438.1
-42.5°	1000.6	925.9	855.6	788.7	719.7	657.1	595.5	543.3	492.0	443.9	400.1
-45°	833.8	782.5	727.2	676.7	621.9	574.3	528.0	484.0	440.3	401.4	362.6
-47.5°	703.2	664.8	621.7	581.9	543.0	503.6	467.3	429.0	395.7	361.3	330.9
-50°	595.9	566.8	535.3	503.3	473.9	442.1	412.6	383.6	354.6	327.3	300.0
-52.5°	506.3	485.8	462.9	437.5	413.8	389.7	364.5	342.5	318.6	295.0	271.5
-55°	435.9	419.5	401.6	382.0	361.8	343.6	324.4	305.0	285.3	264.1	245.2
-57.5°	376.6	363.0	349.0	334.0	318.1	302.9	287.1	270.1	254.0	237.1	220.0
-60°	325.0	313.9	303.3	291.6	279.1	265.6	252.7	239.0	224.8	210.9	196.6
-62.5°	278.1	272.0	262.1	252.0	242.2	232.3	220.4	208.5	197.0	185.4	173.4
-65°	232.3	226.0	218.9	212.7	205.4	196.7	186.9	178.4	170.0	160.7	150.5
-67.5°	192.5	187.9	182.5	176.8	171.4	165.0	158.5	151.5	144.2	136.0	128.2
-70°	160.6	157.6	153.8	149.0	144.0	138.7	133.2	127.0	119.8	112.0	105.8
-72.5°	134.4	132.6	129.8	125.5	120.7	115.7	110.4	104.3	97.4	89.6	83.7
-75°	111.0	109.8	107.6	103.6	99.3	94.6	89.6	83.4	76.4	68.5	62.7
-77.5°	87.3	86.7	85.5	82.3	78.9	75.6	71.4	64.3	57.2	50.4	46.0
-80°	62.8	62.8	62.2	59.8	57.2	54.6	51.3	45.9	40.5	35.6	32.1
-82.5°	39.7	39.1	38.1	36.8	35.5	34.2	32.6	29.2	25.8	22.7	20.0
-85°	17.7	17.2	16.7	16.7	16.6	16.4	16.0	14.4	12.8	11.3	10.0
-87.5°	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.5	3.4	3.2	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-WR-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°	3.5	3.8	4.1	4.2	4.4	4.5	4.5	4.4	4.2	4.0	3.7
85°	10.5	10.7	10.6	10.3	9.6	8.9	8.9	8.8	8.4	7.9	7.3
82.5°	20.8	21.4	21.8	21.6	20.3	18.9	17.4	15.8	14.1	12.1	11.0
80°	33.4	34.1	34.3	33.8	31.4	28.8	26.6	24.4	22.1	19.6	16.7
77.5°	47.0	47.5	47.6	46.8	43.7	40.4	36.9	33.3	30.1	26.9	23.4
75°	61.6	61.8	61.6	60.0	56.3	52.1	47.8	43.2	38.6	34.3	30.1
72.5°	80.6	78.0	76.0	73.5	69.4	64.6	59.1	53.0	47.2	41.7	36.7
70°	100.4	94.9	90.7	86.8	82.2	77.2	71.2	63.5	55.6	49.0	42.9
67.5°	121.2	114.4	107.5	100.4	94.8	89.1	83.0	73.8	64.4	56.2	48.9
65°	141.3	133.0	125.2	115.9	107.8	100.9	94.0	83.5	72.8	63.2	54.8
62.5°	161.6	150.4	140.7	130.7	120.9	112.3	104.5	92.6	80.9	70.0	60.5
60°	182.5	169.3	156.2	144.6	133.5	123.1	113.4	101.4	88.7	76.4	65.8
57.5°	204.2	188.3	173.3	158.8	146.0	133.9	121.9	109.5	96.3	83.0	70.6
55°	226.0	208.2	190.4	173.9	158.6	145.0	130.8	117.2	103.5	89.4	74.4
52.5°	249.5	228.5	208.5	189.2	171.7	155.7	140.3	124.8	110.4	95.5	78.6
50°	274.3	250.1	227.3	205.7	184.8	166.9	149.5	133.1	117.2	101.4	82.5
47.5°	300.4	273.0	247.0	222.3	199.5	177.8	159.2	141.3	123.7	107.3	86.0
45°	329.1	296.5	267.3	240.1	213.7	190.1	168.8	149.2	130.8	111.5	89.3
42.5°	358.0	321.9	288.3	257.4	229.2	202.5	177.9	157.4	137.6	115.3	92.4
40°	391.3	347.9	309.4	275.9	244.4	214.3	188.5	165.3	143.9	119.1	95.4
37.5°	423.8	375.8	332.5	293.6	259.5	227.7	198.6	172.8	149.0	123.2	98.2
35°	462.0	404.7	354.5	312.4	275.0	240.5	208.2	180.5	154.5	127.2	100.7
32.5°	499.1	434.1	379.3	331.6	289.6	252.5	218.4	188.4	160.1	131.0	102.8
30°	539.9	466.0	402.6	349.5	304.1	265.0	228.6	195.8	165.8	134.6	104.9
27.5°	579.2	495.5	425.4	368.6	319.4	276.6	238.1	202.7	171.4	138.4	107.5
25°	618.0	527.3	450.4	386.7	333.5	287.1	246.8	209.2	177.0	142.6	109.8
22.5°	660.2	558.1	472.9	403.1	346.2	296.8	255.1	216.3	182.1	146.6	111.9
20°	699.0	585.8	493.1	418.7	358.9	307.2	262.8	222.6	186.7	150.3	113.6
17.5°	735.6	614.1	515.5	435.5	370.9	316.4	269.7	228.2	190.7	153.8	115.0
15°	774.0	642.2	535.7	450.1	381.3	324.3	275.6	232.9	194.2	156.9	116.3
12.5°	806.7	665.9	552.7	462.4	390.0	330.9	280.5	236.9	197.1	159.5	117.5
10°	833.7	685.2	566.4	472.3	397.0	336.2	284.4	240.2	199.5	161.5	118.2
7.5°	854.8	700.0	576.7	479.8	402.3	340.4	287.6	242.7	201.4	163.0	118.3
5°	869.4	710.2	584.3	485.1	406.4	343.3	289.9	244.3	202.6	163.7	118.0
2.5°	877.2	716.0	589.0	487.9	408.8	345.0	291.2	245.1	203.3	163.8	117.2
0°	878.4	717.1	590.4	488.3	409.4	345.2	291.5	245.1	203.2	163.2	115.9
-2.5°	877.2	716.0	589.0	487.9	408.8	345.0	291.2	245.1	203.3	163.8	117.2
-5°	869.4	710.2	584.3	485.1	406.4	343.3	289.9	244.3	202.6	163.7	118.0
-7.5°	854.8	700.0	576.7	479.8	402.3	340.4	287.6	242.7	201.4	163.0	118.3
-10°	833.7	685.2	566.4	472.3	397.0	336.2	284.4	240.2	199.5	161.5	118.2
-12.5°	806.7	665.9	552.7	462.4	390.0	330.9	280.5	236.9	197.1	159.5	117.5
-15°	774.0	642.2	535.7	450.1	381.3	324.3	275.6	232.9	194.2	156.9	116.3
-17.5°	735.6	614.1	515.5	435.5	370.9	316.4	269.7	228.2	190.7	153.8	115.0
-20°	699.0	585.8	493.1	418.7	358.9	307.2	262.8	222.6	186.7	150.3	113.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	660.2	558.1	472.9	403.1	346.2	296.8	255.1	216.3	182.1	146.6	111.9
-25°	618.0	527.3	450.4	386.7	333.5	287.1	246.8	209.2	177.0	142.6	109.8
-27.5°	579.2	495.5	425.4	368.6	319.4	276.6	238.1	202.7	171.4	138.4	107.5
-30°	539.9	466.0	402.6	349.5	304.1	265.0	228.6	195.8	165.8	134.6	104.9
-32.5°	499.1	434.1	379.3	331.6	289.6	252.5	218.4	188.4	160.1	131.0	102.8
-35°	462.0	404.7	354.5	312.4	275.0	240.5	208.2	180.5	154.5	127.2	100.7
-37.5°	423.8	375.8	332.5	293.6	259.5	227.7	198.6	172.8	149.0	123.2	98.2
-40°	391.3	347.9	309.4	275.9	244.4	214.3	188.5	165.3	143.9	119.1	95.4
-42.5°	358.0	321.9	288.3	257.4	229.2	202.5	177.9	157.4	137.6	115.3	92.4
-45°	329.1	296.5	267.3	240.1	213.7	190.1	168.8	149.2	130.8	111.5	89.3
-47.5°	300.4	273.0	247.0	222.3	199.5	177.8	159.2	141.3	123.7	107.3	86.0
-50°	274.3	250.1	227.3	205.7	184.8	166.9	149.5	133.1	117.2	101.4	82.5
-52.5°	249.5	228.5	208.5	189.2	171.7	155.7	140.3	124.8	110.4	95.5	78.6
-55°	226.0	208.2	190.4	173.9	158.6	145.0	130.8	117.2	103.5	89.4	74.4
-57.5°	204.2	188.3	173.3	158.8	146.0	133.9	121.9	109.5	96.3	83.0	70.6
-60°	182.5	169.3	156.2	144.6	133.5	123.1	113.4	101.4	88.7	76.4	65.8
-62.5°	161.6	150.4	140.7	130.7	120.9	112.3	104.5	92.6	80.9	70.0	60.5
-65°	141.3	133.0	125.2	115.9	107.8	100.9	94.0	83.5	72.8	63.2	54.8
-67.5°	121.2	114.4	107.5	100.4	94.8	89.1	83.0	73.8	64.4	56.2	48.9
-70°	100.4	94.9	90.7	86.8	82.2	77.2	71.2	63.5	55.6	49.0	42.9
-72.5°	80.6	78.0	76.0	73.5	69.4	64.6	59.1	53.0	47.2	41.7	36.7
-75°	61.6	61.8	61.6	60.0	56.3	52.1	47.8	43.2	38.6	34.3	30.1
-77.5°	47.0	47.5	47.6	46.8	43.7	40.4	36.9	33.3	30.1	26.9	23.4
-80°	33.4	34.1	34.3	33.8	31.4	28.8	26.6	24.4	22.1	19.6	16.7
-82.5°	20.8	21.4	21.8	21.6	20.3	18.9	17.4	15.8	14.1	12.1	11.0
-85°	10.5	10.7	10.6	10.3	9.6	8.9	8.9	8.8	8.4	7.9	7.3
-87.5°	3.5	3.8	4.1	4.2	4.4	4.5	4.5	4.4	4.2	4.0	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

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REPORT NUMBER: P626753 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-WR-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°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
85°	6.6	5.2	3.8	2.7	1.6	0.7	0.0
82.5°	9.9	7.7	5.8	4.0	2.4	1.1	0.0
80°	13.4	10.2	7.6	5.3	3.2	1.4	0.0
77.5°	19.2	13.3	9.5	6.6	4.0	1.8	0.0
75°	24.8	17.4	11.5	7.9	4.8	2.1	0.0
72.5°	30.2	21.4	14.2	9.1	5.6	2.4	0.0
70°	35.3	25.2	16.9	10.4	6.3	2.8	0.0
67.5°	39.8	28.9	19.4	12.0	7.0	3.1	0.0
65°	44.0	32.2	21.8	13.6	7.7	3.4	0.0
62.5°	48.0	35.3	24.1	15.0	8.4	3.7	0.0
60°	51.7	38.1	26.2	16.4	9.1	4.0	0.0
57.5°	55.1	40.8	28.2	17.7	9.8	4.3	0.0
55°	58.2	43.3	30.0	18.9	10.6	4.5	0.0
52.5°	61.1	45.5	31.7	20.0	11.3	4.8	0.0
50°	63.6	47.6	33.2	20.9	12.0	5.0	0.0
47.5°	66.1	49.5	34.6	21.8	12.7	5.3	0.0
45°	68.8	51.1	35.8	22.7	13.3	5.5	0.0
42.5°	71.2	52.6	36.8	23.5	13.9	5.7	0.0
40°	73.3	53.8	37.8	24.4	14.4	5.9	0.0
37.5°	75.1	54.8	38.6	25.3	15.0	6.1	0.0
35°	76.6	55.9	39.3	26.1	15.4	6.2	0.0
32.5°	78.0	57.0	39.8	26.8	15.9	6.4	0.0
30°	79.6	57.8	40.2	27.5	16.3	6.5	0.0
27.5°	80.8	58.4	41.0	28.1	16.6	6.6	0.0
25°	81.8	58.8	41.9	28.6	16.9	6.7	0.0
22.5°	82.5	59.2	42.6	29.0	17.2	6.8	0.0
20°	82.9	60.3	43.2	29.4	17.5	6.9	0.0
17.5°	83.8	61.2	43.8	29.7	17.7	6.9	0.0
15°	84.9	61.9	44.2	29.9	17.8	7.0	0.0
12.5°	85.7	62.4	44.5	30.0	17.9	7.0	0.0
10°	86.2	62.7	44.7	30.1	18.0	7.0	0.0
7.5°	86.4	62.8	44.8	30.1	18.0	7.0	0.0
5°	86.3	62.7	44.8	30.0	18.0	7.0	0.0
2.5°	86.0	62.5	44.6	29.8	17.9	6.9	0.0
0°	85.3	62.1	44.4	29.6	17.8	6.9	0.0
-2.5°	86.0	62.5	44.6	29.8	17.9	6.9	0.0
-5°	86.3	62.7	44.8	30.0	18.0	7.0	0.0
-7.5°	86.4	62.8	44.8	30.1	18.0	7.0	0.0
-10°	86.2	62.7	44.7	30.1	18.0	7.0	0.0
-12.5°	85.7	62.4	44.5	30.0	17.9	7.0	0.0
-15°	84.9	61.9	44.2	29.9	17.8	7.0	0.0
-17.5°	83.8	61.2	43.8	29.7	17.7	6.9	0.0
-20°	82.9	60.3	43.2	29.4	17.5	6.9	0.0

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CATALOG NUMBER: GFLD-SA1D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	82.5	59.2	42.6	29.0	17.2	6.8	0.0
-25°	81.8	58.8	41.9	28.6	16.9	6.7	0.0
-27.5°	80.8	58.4	41.0	28.1	16.6	6.6	0.0
-30°	79.6	57.8	40.2	27.5	16.3	6.5	0.0
-32.5°	78.0	57.0	39.8	26.8	15.9	6.4	0.0
-35°	76.6	55.9	39.3	26.1	15.4	6.2	0.0
-37.5°	75.1	54.8	38.6	25.3	15.0	6.1	0.0
-40°	73.3	53.8	37.8	24.4	14.4	5.9	0.0
-42.5°	71.2	52.6	36.8	23.5	13.9	5.7	0.0
-45°	68.8	51.1	35.8	22.7	13.3	5.5	0.0
-47.5°	66.1	49.5	34.6	21.8	12.7	5.3	0.0
-50°	63.6	47.6	33.2	20.9	12.0	5.0	0.0
-52.5°	61.1	45.5	31.7	20.0	11.3	4.8	0.0
-55°	58.2	43.3	30.0	18.9	10.6	4.5	0.0
-57.5°	55.1	40.8	28.2	17.7	9.8	4.3	0.0
-60°	51.7	38.1	26.2	16.4	9.1	4.0	0.0
-62.5°	48.0	35.3	24.1	15.0	8.4	3.7	0.0
-65°	44.0	32.2	21.8	13.6	7.7	3.4	0.0
-67.5°	39.8	28.9	19.4	12.0	7.0	3.1	0.0
-70°	35.3	25.2	16.9	10.4	6.3	2.8	0.0
-72.5°	30.2	21.4	14.2	9.1	5.6	2.4	0.0
-75°	24.8	17.4	11.5	7.9	4.8	2.1	0.0
-77.5°	19.2	13.3	9.5	6.6	4.0	1.8	0.0
-80°	13.4	10.2	7.6	5.3	3.2	1.4	0.0
-82.5°	9.9	7.7	5.8	4.0	2.4	1.1	0.0
-85°	6.6	5.2	3.8	2.7	1.6	0.7	0.0
-87.5°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)