

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: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-722-U-LAM-XX**

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-08
Report Number: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/28/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-722-U-LAM-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

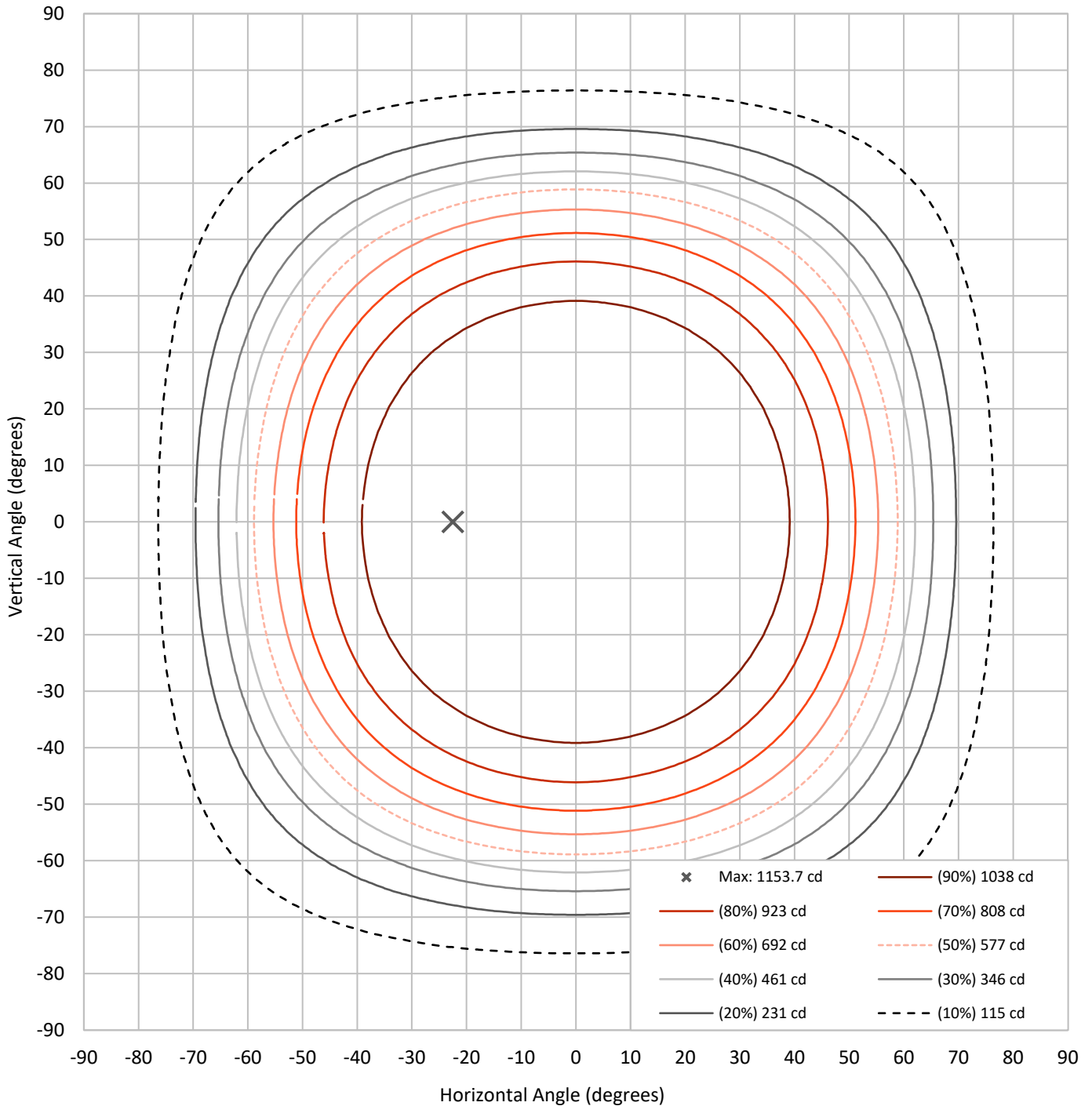
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	3529.2 lumens	Max Intensity:	1153.7 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	105.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	2937.1 lumens	Field Lumens:	3459.8 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	33.5		
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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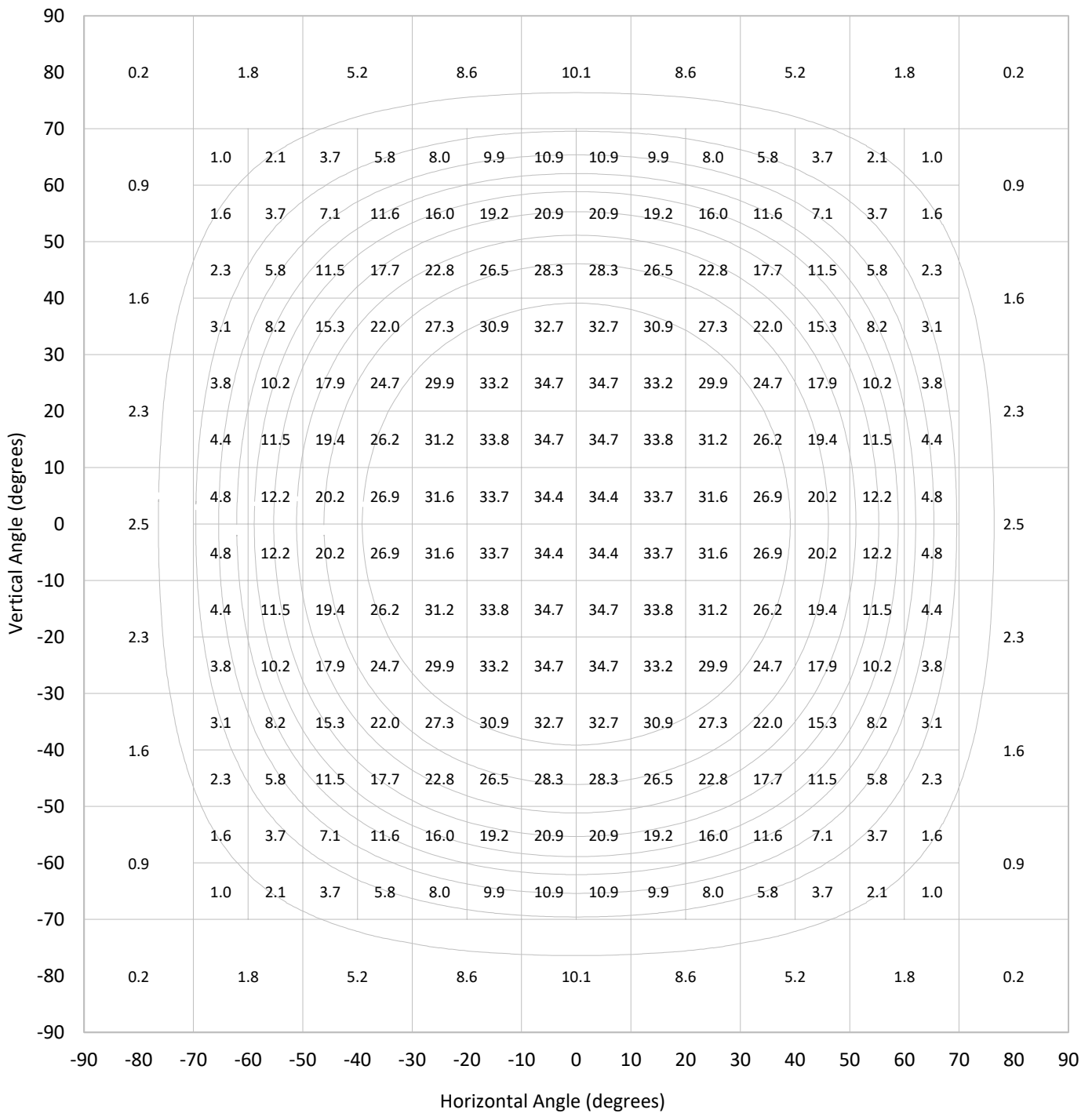
Iso-Candela Plot





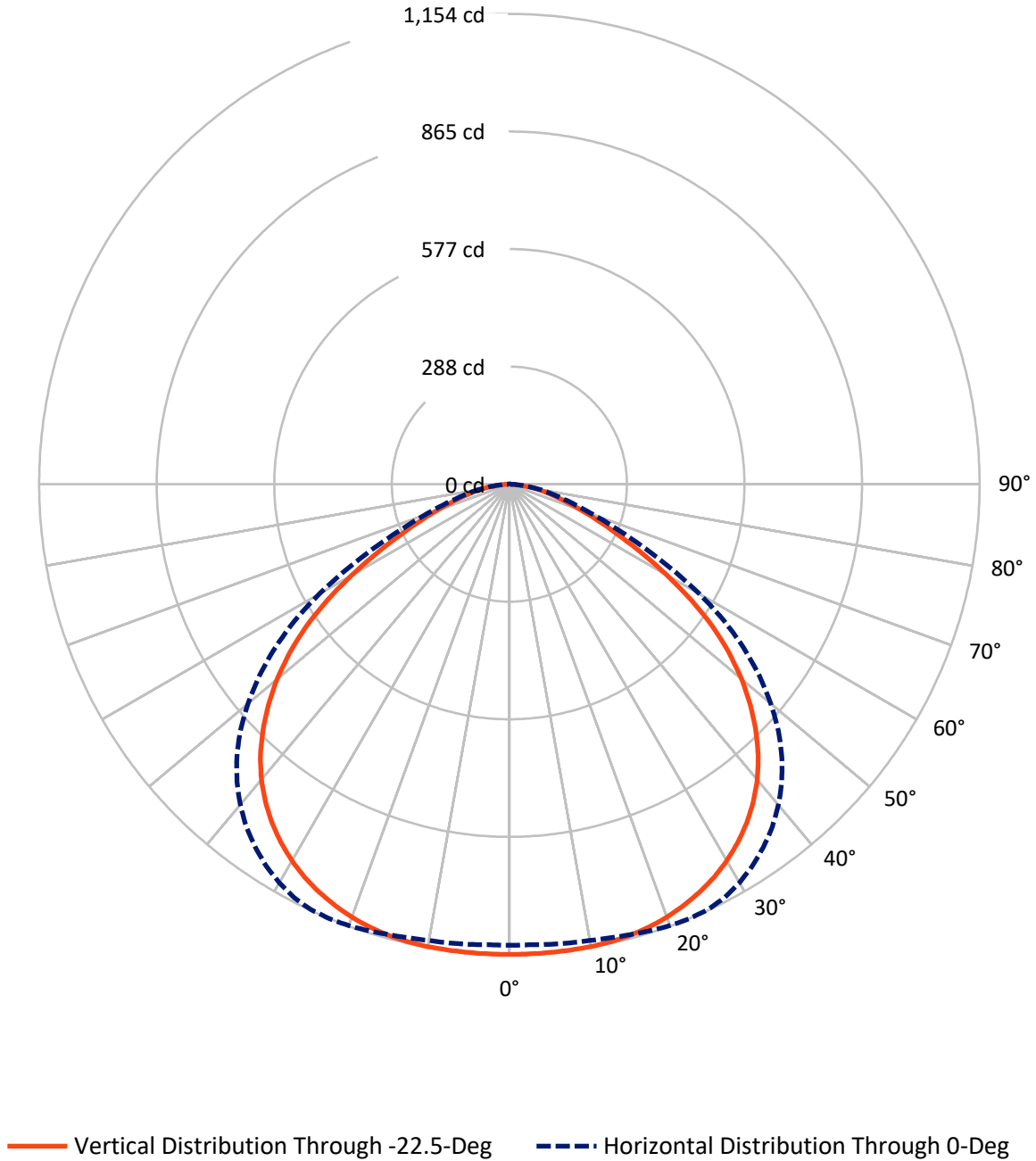
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Lumen Table



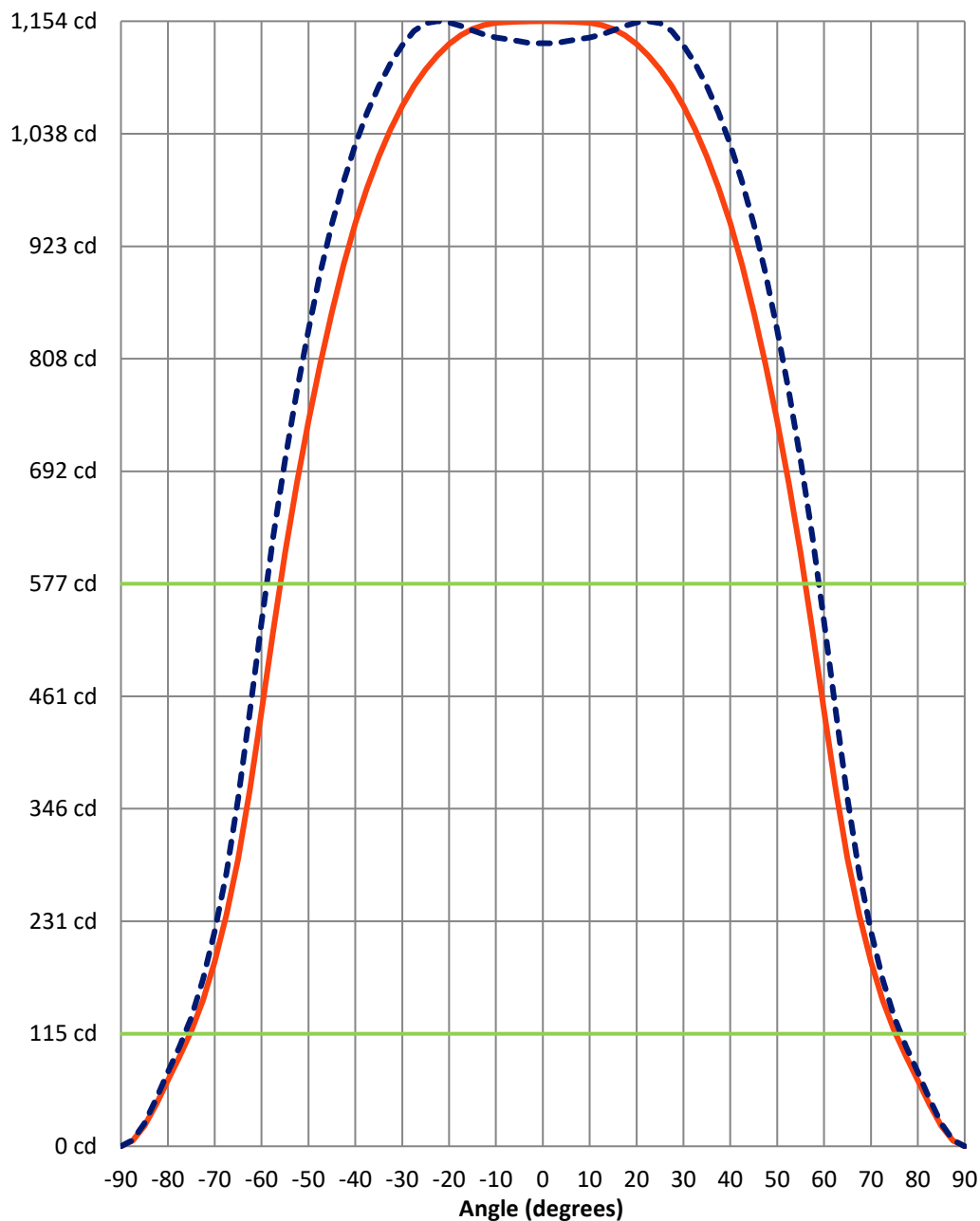
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 2937.1
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 3459.8
 Efficiency: 98.0%

Spill:
 Lumens: 69.4
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.7	8.8	10.9
80°	0.0	1.1	2.2	3.3	4.4	5.4	6.8	9.7	12.5	15.3	18.1
77.5°	0.0	1.4	2.7	4.1	5.4	7.6	11.2	14.8	18.3	21.8	26.0
75°	0.0	1.6	3.3	4.9	6.8	11.2	15.5	19.8	24.3	30.3	36.3
72.5°	0.0	1.9	3.8	5.7	9.7	14.8	19.8	25.4	32.5	39.6	46.5
70°	0.0	2.2	4.3	6.7	12.5	18.3	24.3	32.5	40.7	48.7	57.4
67.5°	0.0	2.4	4.8	8.8	15.3	21.8	30.3	39.6	48.7	58.6	68.4
65°	0.0	2.7	5.3	10.9	18.1	26.0	36.3	46.5	57.4	68.4	79.0
62.5°	0.0	2.9	5.8	12.9	20.7	30.9	42.1	53.8	66.0	77.9	89.1
60°	0.0	3.1	6.3	14.8	23.4	35.6	47.9	61.1	74.3	86.8	99.0
57.5°	0.0	3.4	7.6	16.8	27.0	40.3	53.9	68.3	82.2	95.6	109.6
55°	0.0	3.6	8.8	18.6	30.7	44.8	59.9	75.3	89.8	104.3	120.4
52.5°	0.0	3.8	10.0	20.5	34.2	49.3	65.7	81.7	97.1	113.8	130.9
50°	0.0	4.0	11.2	22.2	37.6	54.0	71.3	88.0	104.6	122.9	144.0
47.5°	0.0	4.3	12.3	24.1	40.9	58.5	76.7	94.0	112.4	131.8	156.9
45°	0.0	4.5	13.4	26.5	44.0	62.8	81.7	99.9	120.0	143.0	169.4
42.5°	0.0	4.6	14.4	28.7	47.1	67.0	86.5	105.9	127.3	153.8	184.1
40°	0.0	4.8	15.4	30.9	50.1	71.0	91.0	111.9	135.0	164.1	198.7
37.5°	0.0	5.0	16.4	32.9	53.1	74.8	95.4	117.7	143.7	174.6	212.5
35°	0.0	5.2	17.3	34.9	56.0	78.2	99.5	123.2	151.9	186.4	226.6
32.5°	0.0	5.3	18.1	36.7	58.6	81.4	103.5	128.3	159.7	197.5	241.5
30°	0.0	5.5	18.9	38.4	61.1	84.4	107.6	133.5	167.0	207.8	255.5
27.5°	0.0	5.6	19.6	40.0	63.5	87.2	111.4	139.4	174.4	217.5	268.5
25°	0.0	5.7	20.3	41.4	65.6	89.8	114.9	144.8	182.2	227.6	280.6
22.5°	0.0	5.8	20.9	42.8	67.6	92.1	118.1	149.7	189.4	237.3	294.8
20°	0.0	5.9	21.4	44.0	69.3	94.2	121.0	154.2	195.8	246.2	307.6
17.5°	0.0	6.0	21.9	45.0	70.9	96.0	123.5	158.1	201.6	254.0	318.9
15°	0.0	6.1	22.3	45.9	72.2	97.7	125.8	161.6	206.6	260.8	328.9
12.5°	0.0	6.2	22.7	46.7	73.4	99.0	127.7	164.5	210.8	266.7	337.3
10°	0.0	6.2	23.0	47.4	74.3	100.2	129.2	166.9	214.3	271.4	344.3
7.5°	0.0	6.2	23.2	47.9	75.0	101.1	130.4	168.8	217.1	275.2	349.7
5°	0.0	6.3	23.4	48.2	75.6	101.7	131.3	170.1	219.0	277.9	353.6
2.5°	0.0	6.3	23.5	48.4	75.9	102.1	131.8	170.9	220.2	279.5	355.9
0°	0.0	6.3	23.5	48.5	76.0	102.2	132.0	171.2	220.6	280.0	356.7
-2.5°	0.0	6.3	23.5	48.4	75.9	102.1	131.8	170.9	220.2	279.5	355.9
-5°	0.0	6.3	23.4	48.2	75.6	101.7	131.3	170.1	219.0	277.9	353.6
-7.5°	0.0	6.2	23.2	47.9	75.0	101.1	130.4	168.8	217.1	275.2	349.7
-10°	0.0	6.2	23.0	47.4	74.3	100.2	129.2	166.9	214.3	271.4	344.3
-12.5°	0.0	6.2	22.7	46.7	73.4	99.0	127.7	164.5	210.8	266.7	337.3
-15°	0.0	6.1	22.3	45.9	72.2	97.7	125.8	161.6	206.6	260.8	328.9
-17.5°	0.0	6.0	21.9	45.0	70.9	96.0	123.5	158.1	201.6	254.0	318.9
-20°	0.0	5.9	21.4	44.0	69.3	94.2	121.0	154.2	195.8	246.2	307.6

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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	5.8	20.9	42.8	67.6	92.1	118.1	149.7	189.4	237.3	294.8
-25°	0.0	5.7	20.3	41.4	65.6	89.8	114.9	144.8	182.2	227.6	280.6
-27.5°	0.0	5.6	19.6	40.0	63.5	87.2	111.4	139.4	174.4	217.5	268.5
-30°	0.0	5.5	18.9	38.4	61.1	84.4	107.6	133.5	167.0	207.8	255.5
-32.5°	0.0	5.3	18.1	36.7	58.6	81.4	103.5	128.3	159.7	197.5	241.5
-35°	0.0	5.2	17.3	34.9	56.0	78.2	99.5	123.2	151.9	186.4	226.6
-37.5°	0.0	5.0	16.4	32.9	53.1	74.8	95.4	117.7	143.7	174.6	212.5
-40°	0.0	4.8	15.4	30.9	50.1	71.0	91.0	111.9	135.0	164.1	198.7
-42.5°	0.0	4.6	14.4	28.7	47.1	67.0	86.5	105.9	127.3	153.8	184.1
-45°	0.0	4.5	13.4	26.5	44.0	62.8	81.7	99.9	120.0	143.0	169.4
-47.5°	0.0	4.3	12.3	24.1	40.9	58.5	76.7	94.0	112.4	131.8	156.9
-50°	0.0	4.0	11.2	22.2	37.6	54.0	71.3	88.0	104.6	122.9	144.0
-52.5°	0.0	3.8	10.0	20.5	34.2	49.3	65.7	81.7	97.1	113.8	130.9
-55°	0.0	3.6	8.8	18.6	30.7	44.8	59.9	75.3	89.8	104.3	120.4
-57.5°	0.0	3.4	7.6	16.8	27.0	40.3	53.9	68.3	82.2	95.6	109.6
-60°	0.0	3.1	6.3	14.8	23.4	35.6	47.9	61.1	74.3	86.8	99.0
-62.5°	0.0	2.9	5.8	12.9	20.7	30.9	42.1	53.8	66.0	77.9	89.1
-65°	0.0	2.7	5.3	10.9	18.1	26.0	36.3	46.5	57.4	68.4	79.0
-67.5°	0.0	2.4	4.8	8.8	15.3	21.8	30.3	39.6	48.7	58.6	68.4
-70°	0.0	2.2	4.3	6.7	12.5	18.3	24.3	32.5	40.7	48.7	57.4
-72.5°	0.0	1.9	3.8	5.7	9.7	14.8	19.8	25.4	32.5	39.6	46.5
-75°	0.0	1.6	3.3	4.9	6.8	11.2	15.5	19.8	24.3	30.3	36.3
-77.5°	0.0	1.4	2.7	4.1	5.4	7.6	11.2	14.8	18.3	21.8	26.0
-80°	0.0	1.1	2.2	3.3	4.4	5.4	6.8	9.7	12.5	15.3	18.1
-82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.7	8.8	10.9
-85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
-87.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
-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: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-LAM-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°	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.6	4.8	5.0
85°	5.8	6.3	7.6	8.8	10.0	11.2	12.3	13.4	14.4	15.4	16.4
82.5°	12.9	14.8	16.8	18.6	20.5	22.2	24.1	26.5	28.7	30.9	32.9
80°	20.7	23.4	27.0	30.7	34.2	37.6	40.9	44.0	47.1	50.1	53.1
77.5°	30.9	35.6	40.3	44.8	49.3	54.0	58.5	62.8	67.0	71.0	74.8
75°	42.1	47.9	53.9	59.9	65.7	71.3	76.7	81.7	86.5	91.0	95.4
72.5°	53.8	61.1	68.3	75.3	81.7	88.0	94.0	99.9	105.9	111.9	117.7
70°	66.0	74.3	82.2	89.8	97.1	104.6	112.4	120.0	127.3	135.0	143.7
67.5°	77.9	86.8	95.6	104.3	113.8	122.9	131.8	143.0	153.8	164.1	174.6
65°	89.1	99.0	109.6	120.4	130.9	144.0	156.9	169.4	184.1	198.7	212.5
62.5°	100.2	112.3	124.4	137.6	152.8	167.5	184.6	202.0	218.7	237.6	256.0
60°	112.3	125.8	141.2	158.1	175.6	195.8	215.5	237.3	259.4	280.6	306.7
57.5°	124.4	141.2	159.9	180.1	202.7	225.5	251.1	275.9	305.7	335.4	364.9
55°	137.6	158.1	180.1	204.9	231.0	259.4	289.2	323.8	357.3	394.6	430.4
52.5°	152.8	175.6	202.7	231.0	262.2	296.4	334.8	374.4	416.2	456.7	496.5
50°	167.5	195.8	225.5	259.4	296.4	338.4	383.0	429.2	474.8	519.3	560.9
47.5°	184.6	215.5	251.1	289.2	334.8	383.0	433.6	483.9	533.1	578.7	622.5
45°	202.0	237.3	275.9	323.8	374.4	429.2	483.9	537.7	587.7	634.9	676.1
42.5°	218.7	259.4	305.7	357.3	416.2	474.8	533.1	587.7	638.9	684.3	725.7
40°	237.6	280.6	335.4	394.6	456.7	519.3	578.7	634.9	684.3	729.5	771.4
37.5°	256.0	306.7	364.9	430.4	496.5	560.9	622.5	676.1	725.7	771.4	811.7
35°	273.5	331.5	396.3	465.1	534.5	600.0	659.8	714.4	763.7	808.2	849.3
32.5°	292.9	354.9	426.1	498.4	569.1	635.8	695.1	748.5	797.6	842.6	883.5
30°	312.9	380.2	454.3	529.8	601.6	666.8	726.0	780.1	828.8	873.3	913.3
27.5°	331.5	404.0	481.2	558.2	631.3	695.9	754.3	807.6	856.5	901.3	940.2
25°	348.7	426.1	506.1	584.2	656.2	721.0	780.0	833.2	881.9	924.9	962.6
22.5°	365.7	446.3	529.0	608.0	679.2	743.5	801.9	855.3	904.0	946.6	982.8
20°	382.2	465.1	549.1	629.2	700.0	763.9	821.9	875.2	922.5	963.8	999.8
17.5°	396.9	481.8	566.7	646.2	717.1	781.3	839.6	893.0	939.2	979.3	1014.5
15°	409.7	496.5	582.2	661.2	731.8	795.8	854.1	906.9	952.8	992.6	1027.5
12.5°	420.7	509.0	595.3	673.9	744.4	808.2	866.5	918.6	963.7	1002.9	1037.2
10°	429.7	519.3	606.2	684.4	754.8	818.5	876.7	928.2	972.8	1011.6	1045.2
7.5°	436.7	527.3	614.6	692.7	763.0	826.5	884.8	935.8	979.9	1018.4	1051.5
5°	441.8	533.1	620.7	698.6	768.8	832.3	890.5	941.3	985.0	1023.3	1056.1
2.5°	444.8	536.5	624.4	702.1	772.3	835.7	894.0	944.6	988.1	1026.2	1058.9
0°	445.8	537.7	625.6	703.3	773.5	836.9	895.2	945.7	989.1	1027.2	1059.8
-2.5°	444.8	536.5	624.4	702.1	772.3	835.7	894.0	944.6	988.1	1026.2	1058.9
-5°	441.8	533.1	620.7	698.6	768.8	832.3	890.5	941.3	985.0	1023.3	1056.1
-7.5°	436.7	527.3	614.6	692.7	763.0	826.5	884.8	935.8	979.9	1018.4	1051.5
-10°	429.7	519.3	606.2	684.4	754.8	818.5	876.7	928.2	972.8	1011.6	1045.2
-12.5°	420.7	509.0	595.3	673.9	744.4	808.2	866.5	918.6	963.7	1002.9	1037.2
-15°	409.7	496.5	582.2	661.2	731.8	795.8	854.1	906.9	952.8	992.6	1027.5
-17.5°	396.9	481.8	566.7	646.2	717.1	781.3	839.6	893.0	939.2	979.3	1014.5
-20°	382.2	465.1	549.1	629.2	700.0	763.9	821.9	875.2	922.5	963.8	999.8

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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°	365.7	446.3	529.0	608.0	679.2	743.5	801.9	855.3	904.0	946.6	982.8
-25°	348.7	426.1	506.1	584.2	656.2	721.0	780.0	833.2	881.9	924.9	962.6
-27.5°	331.5	404.0	481.2	558.2	631.3	695.9	754.3	807.6	856.5	901.3	940.2
-30°	312.9	380.2	454.3	529.8	601.6	666.8	726.0	780.1	828.8	873.3	913.3
-32.5°	292.9	354.9	426.1	498.4	569.1	635.8	695.1	748.5	797.6	842.6	883.5
-35°	273.5	331.5	396.3	465.1	534.5	600.0	659.8	714.4	763.7	808.2	849.3
-37.5°	256.0	306.7	364.9	430.4	496.5	560.9	622.5	676.1	725.7	771.4	811.7
-40°	237.6	280.6	335.4	394.6	456.7	519.3	578.7	634.9	684.3	729.5	771.4
-42.5°	218.7	259.4	305.7	357.3	416.2	474.8	533.1	587.7	638.9	684.3	725.7
-45°	202.0	237.3	275.9	323.8	374.4	429.2	483.9	537.7	587.7	634.9	676.1
-47.5°	184.6	215.5	251.1	289.2	334.8	383.0	433.6	483.9	533.1	578.7	622.5
-50°	167.5	195.8	225.5	259.4	296.4	338.4	383.0	429.2	474.8	519.3	560.9
-52.5°	152.8	175.6	202.7	231.0	262.2	296.4	334.8	374.4	416.2	456.7	496.5
-55°	137.6	158.1	180.1	204.9	231.0	259.4	289.2	323.8	357.3	394.6	430.4
-57.5°	124.4	141.2	159.9	180.1	202.7	225.5	251.1	275.9	305.7	335.4	364.9
-60°	112.3	125.8	141.2	158.1	175.6	195.8	215.5	237.3	259.4	280.6	306.7
-62.5°	100.2	112.3	124.4	137.6	152.8	167.5	184.6	202.0	218.7	237.6	256.0
-65°	89.1	99.0	109.6	120.4	130.9	144.0	156.9	169.4	184.1	198.7	212.5
-67.5°	77.9	86.8	95.6	104.3	113.8	122.9	131.8	143.0	153.8	164.1	174.6
-70°	66.0	74.3	82.2	89.8	97.1	104.6	112.4	120.0	127.3	135.0	143.7
-72.5°	53.8	61.1	68.3	75.3	81.7	88.0	94.0	99.9	105.9	111.9	117.7
-75°	42.1	47.9	53.9	59.9	65.7	71.3	76.7	81.7	86.5	91.0	95.4
-77.5°	30.9	35.6	40.3	44.8	49.3	54.0	58.5	62.8	67.0	71.0	74.8
-80°	20.7	23.4	27.0	30.7	34.2	37.6	40.9	44.0	47.1	50.1	53.1
-82.5°	12.9	14.8	16.8	18.6	20.5	22.2	24.1	26.5	28.7	30.9	32.9
-85°	5.8	6.3	7.6	8.8	10.0	11.2	12.3	13.4	14.4	15.4	16.4
-87.5°	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.6	4.8	5.0
-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: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-LAM-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°	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.2
85°	17.3	18.1	18.9	19.6	20.3	20.9	21.4	21.9	22.3	22.7	23.0
82.5°	34.9	36.7	38.4	40.0	41.4	42.8	44.0	45.0	45.9	46.7	47.4
80°	56.0	58.6	61.1	63.5	65.6	67.6	69.3	70.9	72.2	73.4	74.3
77.5°	78.2	81.4	84.4	87.2	89.8	92.1	94.2	96.0	97.7	99.0	100.2
75°	99.5	103.5	107.6	111.4	114.9	118.1	121.0	123.5	125.8	127.7	129.2
72.5°	123.2	128.3	133.5	139.4	144.8	149.7	154.2	158.1	161.6	164.5	166.9
70°	151.9	159.7	167.0	174.4	182.2	189.4	195.8	201.6	206.6	210.8	214.3
67.5°	186.4	197.5	207.8	217.5	227.6	237.3	246.2	254.0	260.8	266.7	271.4
65°	226.6	241.5	255.5	268.5	280.6	294.8	307.6	318.9	328.9	337.3	344.3
62.5°	273.5	292.9	312.9	331.5	348.7	365.7	382.2	396.9	409.7	420.7	429.7
60°	331.5	354.9	380.2	404.0	426.1	446.3	465.1	481.8	496.5	509.0	519.3
57.5°	396.3	426.1	454.3	481.2	506.1	529.0	549.1	566.7	582.2	595.3	606.2
55°	465.1	498.4	529.8	558.2	584.2	608.0	629.2	646.2	661.2	673.9	684.4
52.5°	534.5	569.1	601.6	631.3	656.2	679.2	700.0	717.1	731.8	744.4	754.8
50°	600.0	635.8	666.8	695.9	721.0	743.5	763.9	781.3	795.8	808.2	818.5
47.5°	659.8	695.1	726.0	754.3	780.0	801.9	821.9	839.6	854.1	866.5	876.7
45°	714.4	748.5	780.1	807.6	833.2	855.3	875.2	893.0	906.9	918.6	928.2
42.5°	763.7	797.6	828.8	856.5	881.9	904.0	922.5	939.2	952.8	963.7	972.8
40°	808.2	842.6	873.3	901.3	924.9	946.6	963.8	979.3	992.6	1002.9	1011.6
37.5°	849.3	883.5	913.3	940.2	962.6	982.8	999.8	1014.5	1027.5	1037.2	1045.2
35°	886.9	919.4	948.9	973.5	995.8	1014.7	1031.5	1045.1	1057.2	1066.4	1073.7
32.5°	919.4	951.6	979.0	1003.2	1024.9	1042.7	1058.8	1071.2	1082.1	1091.0	1097.8
30°	948.9	979.0	1005.7	1029.7	1049.5	1066.8	1081.2	1093.4	1103.5	1112.0	1117.9
27.5°	973.5	1003.2	1029.7	1051.8	1070.7	1087.3	1100.6	1112.3	1121.1	1128.9	1134.0
25°	995.8	1024.9	1049.5	1070.7	1089.1	1104.3	1116.9	1127.5	1135.3	1142.0	1145.8
22.5°	1014.7	1042.7	1066.8	1087.3	1104.3	1118.5	1130.3	1139.4	1145.8	1149.8	1152.1
20°	1031.5	1058.8	1081.2	1100.6	1116.9	1130.3	1140.7	1147.4	1151.8	1152.9	1153.6
17.5°	1045.1	1071.2	1093.4	1112.3	1127.5	1139.4	1147.4	1152.1	1153.4	1153.1	1152.4
15°	1057.2	1082.1	1103.5	1121.1	1135.3	1145.8	1151.8	1153.4	1153.0	1151.6	1149.5
12.5°	1066.4	1091.0	1112.0	1128.9	1142.0	1149.8	1152.9	1153.1	1151.6	1149.0	1146.1
10°	1073.7	1097.8	1117.9	1134.0	1145.8	1152.1	1153.6	1152.4	1149.5	1146.1	1142.8
7.5°	1079.4	1103.2	1122.7	1138.1	1148.4	1152.8	1153.1	1151.0	1147.5	1143.5	1140.0
5°	1083.6	1107.1	1126.1	1141.2	1150.2	1153.3	1152.7	1149.9	1145.8	1141.6	1138.4
2.5°	1086.2	1109.5	1128.2	1143.0	1151.3	1153.6	1152.5	1149.1	1144.7	1140.4	1137.4
0°	1087.0	1110.3	1128.9	1143.6	1151.7	1153.7	1152.4	1148.9	1144.3	1140.0	1137.0
-2.5°	1086.2	1109.5	1128.2	1143.0	1151.3	1153.6	1152.5	1149.1	1144.7	1140.4	1137.4
-5°	1083.6	1107.1	1126.1	1141.2	1150.2	1153.3	1152.7	1149.9	1145.8	1141.6	1138.4
-7.5°	1079.4	1103.2	1122.7	1138.1	1148.4	1152.8	1153.1	1151.0	1147.5	1143.5	1140.0
-10°	1073.7	1097.8	1117.9	1134.0	1145.8	1152.1	1153.6	1152.4	1149.5	1146.1	1142.8
-12.5°	1066.4	1091.0	1112.0	1128.9	1142.0	1149.8	1152.9	1153.1	1151.6	1149.0	1146.1
-15°	1057.2	1082.1	1103.5	1121.1	1135.3	1145.8	1151.8	1153.4	1153.0	1151.6	1149.5
-17.5°	1045.1	1071.2	1093.4	1112.3	1127.5	1139.4	1147.4	1152.1	1153.4	1153.1	1152.4
-20°	1031.5	1058.8	1081.2	1100.6	1116.9	1130.3	1140.7	1147.4	1151.8	1152.9	1153.6



REPORT NUMBER: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1014.7	1042.7	1066.8	1087.3	1104.3	1118.5	1130.3	1139.4	1145.8	1149.8	1152.1
-25°	995.8	1024.9	1049.5	1070.7	1089.1	1104.3	1116.9	1127.5	1135.3	1142.0	1145.8
-27.5°	973.5	1003.2	1029.7	1051.8	1070.7	1087.3	1100.6	1112.3	1121.1	1128.9	1134.0
-30°	948.9	979.0	1005.7	1029.7	1049.5	1066.8	1081.2	1093.4	1103.5	1112.0	1117.9
-32.5°	919.4	951.6	979.0	1003.2	1024.9	1042.7	1058.8	1071.2	1082.1	1091.0	1097.8
-35°	886.9	919.4	948.9	973.5	995.8	1014.7	1031.5	1045.1	1057.2	1066.4	1073.7
-37.5°	849.3	883.5	913.3	940.2	962.6	982.8	999.8	1014.5	1027.5	1037.2	1045.2
-40°	808.2	842.6	873.3	901.3	924.9	946.6	963.8	979.3	992.6	1002.9	1011.6
-42.5°	763.7	797.6	828.8	856.5	881.9	904.0	922.5	939.2	952.8	963.7	972.8
-45°	714.4	748.5	780.1	807.6	833.2	855.3	875.2	893.0	906.9	918.6	928.2
-47.5°	659.8	695.1	726.0	754.3	780.0	801.9	821.9	839.6	854.1	866.5	876.7
-50°	600.0	635.8	666.8	695.9	721.0	743.5	763.9	781.3	795.8	808.2	818.5
-52.5°	534.5	569.1	601.6	631.3	656.2	679.2	700.0	717.1	731.8	744.4	754.8
-55°	465.1	498.4	529.8	558.2	584.2	608.0	629.2	646.2	661.2	673.9	684.4
-57.5°	396.3	426.1	454.3	481.2	506.1	529.0	549.1	566.7	582.2	595.3	606.2
-60°	331.5	354.9	380.2	404.0	426.1	446.3	465.1	481.8	496.5	509.0	519.3
-62.5°	273.5	292.9	312.9	331.5	348.7	365.7	382.2	396.9	409.7	420.7	429.7
-65°	226.6	241.5	255.5	268.5	280.6	294.8	307.6	318.9	328.9	337.3	344.3
-67.5°	186.4	197.5	207.8	217.5	227.6	237.3	246.2	254.0	260.8	266.7	271.4
-70°	151.9	159.7	167.0	174.4	182.2	189.4	195.8	201.6	206.6	210.8	214.3
-72.5°	123.2	128.3	133.5	139.4	144.8	149.7	154.2	158.1	161.6	164.5	166.9
-75°	99.5	103.5	107.6	111.4	114.9	118.1	121.0	123.5	125.8	127.7	129.2
-77.5°	78.2	81.4	84.4	87.2	89.8	92.1	94.2	96.0	97.7	99.0	100.2
-80°	56.0	58.6	61.1	63.5	65.6	67.6	69.3	70.9	72.2	73.4	74.3
-82.5°	34.9	36.7	38.4	40.0	41.4	42.8	44.0	45.0	45.9	46.7	47.4
-85°	17.3	18.1	18.9	19.6	20.3	20.9	21.4	21.9	22.3	22.7	23.0
-87.5°	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.2
-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: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-LAM-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°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.0
85°	23.2	23.4	23.5	23.5	23.5	23.4	23.2	23.0	22.7	22.3	21.9
82.5°	47.9	48.2	48.4	48.5	48.4	48.2	47.9	47.4	46.7	45.9	45.0
80°	75.0	75.6	75.9	76.0	75.9	75.6	75.0	74.3	73.4	72.2	70.9
77.5°	101.1	101.7	102.1	102.2	102.1	101.7	101.1	100.2	99.0	97.7	96.0
75°	130.4	131.3	131.8	132.0	131.8	131.3	130.4	129.2	127.7	125.8	123.5
72.5°	168.8	170.1	170.9	171.2	170.9	170.1	168.8	166.9	164.5	161.6	158.1
70°	217.1	219.0	220.2	220.6	220.2	219.0	217.1	214.3	210.8	206.6	201.6
67.5°	275.2	277.9	279.5	280.0	279.5	277.9	275.2	271.4	266.7	260.8	254.0
65°	349.7	353.6	355.9	356.7	355.9	353.6	349.7	344.3	337.3	328.9	318.9
62.5°	436.7	441.8	444.8	445.8	444.8	441.8	436.7	429.7	420.7	409.7	396.9
60°	527.3	533.1	536.5	537.7	536.5	533.1	527.3	519.3	509.0	496.5	481.8
57.5°	614.6	620.7	624.4	625.6	624.4	620.7	614.6	606.2	595.3	582.2	566.7
55°	692.7	698.6	702.1	703.3	702.1	698.6	692.7	684.4	673.9	661.2	646.2
52.5°	763.0	768.8	772.3	773.5	772.3	768.8	763.0	754.8	744.4	731.8	717.1
50°	826.5	832.3	835.7	836.9	835.7	832.3	826.5	818.5	808.2	795.8	781.3
47.5°	884.8	890.5	894.0	895.2	894.0	890.5	884.8	876.7	866.5	854.1	839.6
45°	935.8	941.3	944.6	945.7	944.6	941.3	935.8	928.2	918.6	906.9	893.0
42.5°	979.9	985.0	988.1	989.1	988.1	985.0	979.9	972.8	963.7	952.8	939.2
40°	1018.4	1023.3	1026.2	1027.2	1026.2	1023.3	1018.4	1011.6	1002.9	992.6	979.3
37.5°	1051.5	1056.1	1058.9	1059.8	1058.9	1056.1	1051.5	1045.2	1037.2	1027.5	1014.5
35°	1079.4	1083.6	1086.2	1087.0	1086.2	1083.6	1079.4	1073.7	1066.4	1057.2	1045.1
32.5°	1103.2	1107.1	1109.5	1110.3	1109.5	1107.1	1103.2	1097.8	1091.0	1082.1	1071.2
30°	1122.7	1126.1	1128.2	1128.9	1128.2	1126.1	1122.7	1117.9	1112.0	1103.5	1093.4
27.5°	1138.1	1141.2	1143.0	1143.6	1143.0	1141.2	1138.1	1134.0	1128.9	1121.1	1112.3
25°	1148.4	1150.2	1151.3	1151.7	1151.3	1150.2	1148.4	1145.8	1142.0	1135.3	1127.5
22.5°	1152.8	1153.3	1153.6	1153.7	1153.6	1153.3	1152.8	1152.1	1149.8	1145.8	1139.4
20°	1153.1	1152.7	1152.5	1152.4	1152.5	1152.7	1153.1	1153.6	1152.9	1151.8	1147.4
17.5°	1151.0	1149.9	1149.1	1148.9	1149.1	1149.9	1151.0	1152.4	1153.1	1153.4	1152.1
15°	1147.5	1145.8	1144.7	1144.3	1144.7	1145.8	1147.5	1149.5	1151.6	1153.0	1153.4
12.5°	1143.5	1141.6	1140.4	1140.0	1140.4	1141.6	1143.5	1146.1	1149.0	1151.6	1153.1
10°	1140.0	1138.4	1137.4	1137.0	1137.4	1138.4	1140.0	1142.8	1146.1	1149.5	1152.4
7.5°	1137.7	1136.3	1135.5	1135.2	1135.5	1136.3	1137.7	1140.0	1143.5	1147.5	1151.0
5°	1136.3	1134.9	1133.7	1133.2	1133.7	1134.9	1136.3	1138.4	1141.6	1145.8	1149.9
2.5°	1135.5	1133.7	1131.9	1131.0	1131.9	1133.7	1135.5	1137.4	1140.4	1144.7	1149.1
0°	1135.2	1133.2	1131.0	1131.2	1131.0	1133.2	1135.2	1137.0	1140.0	1144.3	1148.9
-2.5°	1135.5	1133.7	1131.9	1131.0	1131.9	1133.7	1135.5	1137.4	1140.4	1144.7	1149.1
-5°	1136.3	1134.9	1133.7	1133.2	1133.7	1134.9	1136.3	1138.4	1141.6	1145.8	1149.9
-7.5°	1137.7	1136.3	1135.5	1135.2	1135.5	1136.3	1137.7	1140.0	1143.5	1147.5	1151.0
-10°	1140.0	1138.4	1137.4	1137.0	1137.4	1138.4	1140.0	1142.8	1146.1	1149.5	1152.4
-12.5°	1143.5	1141.6	1140.4	1140.0	1140.4	1141.6	1143.5	1146.1	1149.0	1151.6	1153.1
-15°	1147.5	1145.8	1144.7	1144.3	1144.7	1145.8	1147.5	1149.5	1151.6	1153.0	1153.4
-17.5°	1151.0	1149.9	1149.1	1148.9	1149.1	1149.9	1151.0	1152.4	1153.1	1153.4	1152.1
-20°	1153.1	1152.7	1152.5	1152.4	1152.5	1152.7	1153.1	1153.6	1152.9	1151.8	1147.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1152.8	1153.3	1153.6	1153.7	1153.6	1153.3	1152.8	1152.1	1149.8	1145.8	1139.4
-25°	1148.4	1150.2	1151.3	1151.7	1151.3	1150.2	1148.4	1145.8	1142.0	1135.3	1127.5
-27.5°	1138.1	1141.2	1143.0	1143.6	1143.0	1141.2	1138.1	1134.0	1128.9	1121.1	1112.3
-30°	1122.7	1126.1	1128.2	1128.9	1128.2	1126.1	1122.7	1117.9	1112.0	1103.5	1093.4
-32.5°	1103.2	1107.1	1109.5	1110.3	1109.5	1107.1	1103.2	1097.8	1091.0	1082.1	1071.2
-35°	1079.4	1083.6	1086.2	1087.0	1086.2	1083.6	1079.4	1073.7	1066.4	1057.2	1045.1
-37.5°	1051.5	1056.1	1058.9	1059.8	1058.9	1056.1	1051.5	1045.2	1037.2	1027.5	1014.5
-40°	1018.4	1023.3	1026.2	1027.2	1026.2	1023.3	1018.4	1011.6	1002.9	992.6	979.3
-42.5°	979.9	985.0	988.1	989.1	988.1	985.0	979.9	972.8	963.7	952.8	939.2
-45°	935.8	941.3	944.6	945.7	944.6	941.3	935.8	928.2	918.6	906.9	893.0
-47.5°	884.8	890.5	894.0	895.2	894.0	890.5	884.8	876.7	866.5	854.1	839.6
-50°	826.5	832.3	835.7	836.9	835.7	832.3	826.5	818.5	808.2	795.8	781.3
-52.5°	763.0	768.8	772.3	773.5	772.3	768.8	763.0	754.8	744.4	731.8	717.1
-55°	692.7	698.6	702.1	703.3	702.1	698.6	692.7	684.4	673.9	661.2	646.2
-57.5°	614.6	620.7	624.4	625.6	624.4	620.7	614.6	606.2	595.3	582.2	566.7
-60°	527.3	533.1	536.5	537.7	536.5	533.1	527.3	519.3	509.0	496.5	481.8
-62.5°	436.7	441.8	444.8	445.8	444.8	441.8	436.7	429.7	420.7	409.7	396.9
-65°	349.7	353.6	355.9	356.7	355.9	353.6	349.7	344.3	337.3	328.9	318.9
-67.5°	275.2	277.9	279.5	280.0	279.5	277.9	275.2	271.4	266.7	260.8	254.0
-70°	217.1	219.0	220.2	220.6	220.2	219.0	217.1	214.3	210.8	206.6	201.6
-72.5°	168.8	170.1	170.9	171.2	170.9	170.1	168.8	166.9	164.5	161.6	158.1
-75°	130.4	131.3	131.8	132.0	131.8	131.3	130.4	129.2	127.7	125.8	123.5
-77.5°	101.1	101.7	102.1	102.2	102.1	101.7	101.1	100.2	99.0	97.7	96.0
-80°	75.0	75.6	75.9	76.0	75.9	75.6	75.0	74.3	73.4	72.2	70.9
-82.5°	47.9	48.2	48.4	48.5	48.4	48.2	47.9	47.4	46.7	45.9	45.0
-85°	23.2	23.4	23.5	23.5	23.5	23.4	23.2	23.0	22.7	22.3	21.9
-87.5°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.0
-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: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-LAM-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°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.0	4.8	4.6	4.5
85°	21.4	20.9	20.3	19.6	18.9	18.1	17.3	16.4	15.4	14.4	13.4
82.5°	44.0	42.8	41.4	40.0	38.4	36.7	34.9	32.9	30.9	28.7	26.5
80°	69.3	67.6	65.6	63.5	61.1	58.6	56.0	53.1	50.1	47.1	44.0
77.5°	94.2	92.1	89.8	87.2	84.4	81.4	78.2	74.8	71.0	67.0	62.8
75°	121.0	118.1	114.9	111.4	107.6	103.5	99.5	95.4	91.0	86.5	81.7
72.5°	154.2	149.7	144.8	139.4	133.5	128.3	123.2	117.7	111.9	105.9	99.9
70°	195.8	189.4	182.2	174.4	167.0	159.7	151.9	143.7	135.0	127.3	120.0
67.5°	246.2	237.3	227.6	217.5	207.8	197.5	186.4	174.6	164.1	153.8	143.0
65°	307.6	294.8	280.6	268.5	255.5	241.5	226.6	212.5	198.7	184.1	169.4
62.5°	382.2	365.7	348.7	331.5	312.9	292.9	273.5	256.0	237.6	218.7	202.0
60°	465.1	446.3	426.1	404.0	380.2	354.9	331.5	306.7	280.6	259.4	237.3
57.5°	549.1	529.0	506.1	481.2	454.3	426.1	396.3	364.9	335.4	305.7	275.9
55°	629.2	608.0	584.2	558.2	529.8	498.4	465.1	430.4	394.6	357.3	323.8
52.5°	700.0	679.2	656.2	631.3	601.6	569.1	534.5	496.5	456.7	416.2	374.4
50°	763.9	743.5	721.0	695.9	666.8	635.8	600.0	560.9	519.3	474.8	429.2
47.5°	821.9	801.9	780.0	754.3	726.0	695.1	659.8	622.5	578.7	533.1	483.9
45°	875.2	855.3	833.2	807.6	780.1	748.5	714.4	676.1	634.9	587.7	537.7
42.5°	922.5	904.0	881.9	856.5	828.8	797.6	763.7	725.7	684.3	638.9	587.7
40°	963.8	946.6	924.9	901.3	873.3	842.6	808.2	771.4	729.5	684.3	634.9
37.5°	999.8	982.8	962.6	940.2	913.3	883.5	849.3	811.7	771.4	725.7	676.1
35°	1031.5	1014.7	995.8	973.5	948.9	919.4	886.9	849.3	808.2	763.7	714.4
32.5°	1058.8	1042.7	1024.9	1003.2	979.0	951.6	919.4	883.5	842.6	797.6	748.5
30°	1081.2	1066.8	1049.5	1029.7	1005.7	979.0	948.9	913.3	873.3	828.8	780.1
27.5°	1100.6	1087.3	1070.7	1051.8	1029.7	1003.2	973.5	940.2	901.3	856.5	807.6
25°	1116.9	1104.3	1089.1	1070.7	1049.5	1024.9	995.8	962.6	924.9	881.9	833.2
22.5°	1130.3	1118.5	1104.3	1087.3	1066.8	1042.7	1014.7	982.8	946.6	904.0	855.3
20°	1140.7	1130.3	1116.9	1100.6	1081.2	1058.8	1031.5	999.8	963.8	922.5	875.2
17.5°	1147.4	1139.4	1127.5	1112.3	1093.4	1071.2	1045.1	1014.5	979.3	939.2	893.0
15°	1151.8	1145.8	1135.3	1121.1	1103.5	1082.1	1057.2	1027.5	992.6	952.8	906.9
12.5°	1152.9	1149.8	1142.0	1128.9	1112.0	1091.0	1066.4	1037.2	1002.9	963.7	918.6
10°	1153.6	1152.1	1145.8	1134.0	1117.9	1097.8	1073.7	1045.2	1011.6	972.8	928.2
7.5°	1153.1	1152.8	1148.4	1138.1	1122.7	1103.2	1079.4	1051.5	1018.4	979.9	935.8
5°	1152.7	1153.3	1150.2	1141.2	1126.1	1107.1	1083.6	1056.1	1023.3	985.0	941.3
2.5°	1152.5	1153.6	1151.3	1143.0	1128.2	1109.5	1086.2	1058.9	1026.2	988.1	944.6
0°	1152.4	1153.7	1151.7	1143.6	1128.9	1110.3	1087.0	1059.8	1027.2	989.1	945.7
-2.5°	1152.5	1153.6	1151.3	1143.0	1128.2	1109.5	1086.2	1058.9	1026.2	988.1	944.6
-5°	1152.7	1153.3	1150.2	1141.2	1126.1	1107.1	1083.6	1056.1	1023.3	985.0	941.3
-7.5°	1153.1	1152.8	1148.4	1138.1	1122.7	1103.2	1079.4	1051.5	1018.4	979.9	935.8
-10°	1153.6	1152.1	1145.8	1134.0	1117.9	1097.8	1073.7	1045.2	1011.6	972.8	928.2
-12.5°	1152.9	1149.8	1142.0	1128.9	1112.0	1091.0	1066.4	1037.2	1002.9	963.7	918.6
-15°	1151.8	1145.8	1135.3	1121.1	1103.5	1082.1	1057.2	1027.5	992.6	952.8	906.9
-17.5°	1147.4	1139.4	1127.5	1112.3	1093.4	1071.2	1045.1	1014.5	979.3	939.2	893.0
-20°	1140.7	1130.3	1116.9	1100.6	1081.2	1058.8	1031.5	999.8	963.8	922.5	875.2



REPORT NUMBER: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1130.3	1118.5	1104.3	1087.3	1066.8	1042.7	1014.7	982.8	946.6	904.0	855.3
-25°	1116.9	1104.3	1089.1	1070.7	1049.5	1024.9	995.8	962.6	924.9	881.9	833.2
-27.5°	1100.6	1087.3	1070.7	1051.8	1029.7	1003.2	973.5	940.2	901.3	856.5	807.6
-30°	1081.2	1066.8	1049.5	1029.7	1005.7	979.0	948.9	913.3	873.3	828.8	780.1
-32.5°	1058.8	1042.7	1024.9	1003.2	979.0	951.6	919.4	883.5	842.6	797.6	748.5
-35°	1031.5	1014.7	995.8	973.5	948.9	919.4	886.9	849.3	808.2	763.7	714.4
-37.5°	999.8	982.8	962.6	940.2	913.3	883.5	849.3	811.7	771.4	725.7	676.1
-40°	963.8	946.6	924.9	901.3	873.3	842.6	808.2	771.4	729.5	684.3	634.9
-42.5°	922.5	904.0	881.9	856.5	828.8	797.6	763.7	725.7	684.3	638.9	587.7
-45°	875.2	855.3	833.2	807.6	780.1	748.5	714.4	676.1	634.9	587.7	537.7
-47.5°	821.9	801.9	780.0	754.3	726.0	695.1	659.8	622.5	578.7	533.1	483.9
-50°	763.9	743.5	721.0	695.9	666.8	635.8	600.0	560.9	519.3	474.8	429.2
-52.5°	700.0	679.2	656.2	631.3	601.6	569.1	534.5	496.5	456.7	416.2	374.4
-55°	629.2	608.0	584.2	558.2	529.8	498.4	465.1	430.4	394.6	357.3	323.8
-57.5°	549.1	529.0	506.1	481.2	454.3	426.1	396.3	364.9	335.4	305.7	275.9
-60°	465.1	446.3	426.1	404.0	380.2	354.9	331.5	306.7	280.6	259.4	237.3
-62.5°	382.2	365.7	348.7	331.5	312.9	292.9	273.5	256.0	237.6	218.7	202.0
-65°	307.6	294.8	280.6	268.5	255.5	241.5	226.6	212.5	198.7	184.1	169.4
-67.5°	246.2	237.3	227.6	217.5	207.8	197.5	186.4	174.6	164.1	153.8	143.0
-70°	195.8	189.4	182.2	174.4	167.0	159.7	151.9	143.7	135.0	127.3	120.0
-72.5°	154.2	149.7	144.8	139.4	133.5	128.3	123.2	117.7	111.9	105.9	99.9
-75°	121.0	118.1	114.9	111.4	107.6	103.5	99.5	95.4	91.0	86.5	81.7
-77.5°	94.2	92.1	89.8	87.2	84.4	81.4	78.2	74.8	71.0	67.0	62.8
-80°	69.3	67.6	65.6	63.5	61.1	58.6	56.0	53.1	50.1	47.1	44.0
-82.5°	44.0	42.8	41.4	40.0	38.4	36.7	34.9	32.9	30.9	28.7	26.5
-85°	21.4	20.9	20.3	19.6	18.9	18.1	17.3	16.4	15.4	14.4	13.4
-87.5°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.0	4.8	4.6	4.5
-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: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-LAM-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°	4.3	4.0	3.8	3.6	3.4	3.1	2.9	2.7	2.4	2.2	1.9
85°	12.3	11.2	10.0	8.8	7.6	6.3	5.8	5.3	4.8	4.3	3.8
82.5°	24.1	22.2	20.5	18.6	16.8	14.8	12.9	10.9	8.8	6.7	5.7
80°	40.9	37.6	34.2	30.7	27.0	23.4	20.7	18.1	15.3	12.5	9.7
77.5°	58.5	54.0	49.3	44.8	40.3	35.6	30.9	26.0	21.8	18.3	14.8
75°	76.7	71.3	65.7	59.9	53.9	47.9	42.1	36.3	30.3	24.3	19.8
72.5°	94.0	88.0	81.7	75.3	68.3	61.1	53.8	46.5	39.6	32.5	25.4
70°	112.4	104.6	97.1	89.8	82.2	74.3	66.0	57.4	48.7	40.7	32.5
67.5°	131.8	122.9	113.8	104.3	95.6	86.8	77.9	68.4	58.6	48.7	39.6
65°	156.9	144.0	130.9	120.4	109.6	99.0	89.1	79.0	68.4	57.4	46.5
62.5°	184.6	167.5	152.8	137.6	124.4	112.3	100.2	89.1	77.9	66.0	53.8
60°	215.5	195.8	175.6	158.1	141.2	125.8	112.3	99.0	86.8	74.3	61.1
57.5°	251.1	225.5	202.7	180.1	159.9	141.2	124.4	109.6	95.6	82.2	68.3
55°	289.2	259.4	231.0	204.9	180.1	158.1	137.6	120.4	104.3	89.8	75.3
52.5°	334.8	296.4	262.2	231.0	202.7	175.6	152.8	130.9	113.8	97.1	81.7
50°	383.0	338.4	296.4	259.4	225.5	195.8	167.5	144.0	122.9	104.6	88.0
47.5°	433.6	383.0	334.8	289.2	251.1	215.5	184.6	156.9	131.8	112.4	94.0
45°	483.9	429.2	374.4	323.8	275.9	237.3	202.0	169.4	143.0	120.0	99.9
42.5°	533.1	474.8	416.2	357.3	305.7	259.4	218.7	184.1	153.8	127.3	105.9
40°	578.7	519.3	456.7	394.6	335.4	280.6	237.6	198.7	164.1	135.0	111.9
37.5°	622.5	560.9	496.5	430.4	364.9	306.7	256.0	212.5	174.6	143.7	117.7
35°	659.8	600.0	534.5	465.1	396.3	331.5	273.5	226.6	186.4	151.9	123.2
32.5°	695.1	635.8	569.1	498.4	426.1	354.9	292.9	241.5	197.5	159.7	128.3
30°	726.0	666.8	601.6	529.8	454.3	380.2	312.9	255.5	207.8	167.0	133.5
27.5°	754.3	695.9	631.3	558.2	481.2	404.0	331.5	268.5	217.5	174.4	139.4
25°	780.0	721.0	656.2	584.2	506.1	426.1	348.7	280.6	227.6	182.2	144.8
22.5°	801.9	743.5	679.2	608.0	529.0	446.3	365.7	294.8	237.3	189.4	149.7
20°	821.9	763.9	700.0	629.2	549.1	465.1	382.2	307.6	246.2	195.8	154.2
17.5°	839.6	781.3	717.1	646.2	566.7	481.8	396.9	318.9	254.0	201.6	158.1
15°	854.1	795.8	731.8	661.2	582.2	496.5	409.7	328.9	260.8	206.6	161.6
12.5°	866.5	808.2	744.4	673.9	595.3	509.0	420.7	337.3	266.7	210.8	164.5
10°	876.7	818.5	754.8	684.4	606.2	519.3	429.7	344.3	271.4	214.3	166.9
7.5°	884.8	826.5	763.0	692.7	614.6	527.3	436.7	349.7	275.2	217.1	168.8
5°	890.5	832.3	768.8	698.6	620.7	533.1	441.8	353.6	277.9	219.0	170.1
2.5°	894.0	835.7	772.3	702.1	624.4	536.5	444.8	355.9	279.5	220.2	170.9
0°	895.2	836.9	773.5	703.3	625.6	537.7	445.8	356.7	280.0	220.6	171.2
-2.5°	894.0	835.7	772.3	702.1	624.4	536.5	444.8	355.9	279.5	220.2	170.9
-5°	890.5	832.3	768.8	698.6	620.7	533.1	441.8	353.6	277.9	219.0	170.1
-7.5°	884.8	826.5	763.0	692.7	614.6	527.3	436.7	349.7	275.2	217.1	168.8
-10°	876.7	818.5	754.8	684.4	606.2	519.3	429.7	344.3	271.4	214.3	166.9
-12.5°	866.5	808.2	744.4	673.9	595.3	509.0	420.7	337.3	266.7	210.8	164.5
-15°	854.1	795.8	731.8	661.2	582.2	496.5	409.7	328.9	260.8	206.6	161.6
-17.5°	839.6	781.3	717.1	646.2	566.7	481.8	396.9	318.9	254.0	201.6	158.1
-20°	821.9	763.9	700.0	629.2	549.1	465.1	382.2	307.6	246.2	195.8	154.2



REPORT NUMBER: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	801.9	743.5	679.2	608.0	529.0	446.3	365.7	294.8	237.3	189.4	149.7
-25°	780.0	721.0	656.2	584.2	506.1	426.1	348.7	280.6	227.6	182.2	144.8
-27.5°	754.3	695.9	631.3	558.2	481.2	404.0	331.5	268.5	217.5	174.4	139.4
-30°	726.0	666.8	601.6	529.8	454.3	380.2	312.9	255.5	207.8	167.0	133.5
-32.5°	695.1	635.8	569.1	498.4	426.1	354.9	292.9	241.5	197.5	159.7	128.3
-35°	659.8	600.0	534.5	465.1	396.3	331.5	273.5	226.6	186.4	151.9	123.2
-37.5°	622.5	560.9	496.5	430.4	364.9	306.7	256.0	212.5	174.6	143.7	117.7
-40°	578.7	519.3	456.7	394.6	335.4	280.6	237.6	198.7	164.1	135.0	111.9
-42.5°	533.1	474.8	416.2	357.3	305.7	259.4	218.7	184.1	153.8	127.3	105.9
-45°	483.9	429.2	374.4	323.8	275.9	237.3	202.0	169.4	143.0	120.0	99.9
-47.5°	433.6	383.0	334.8	289.2	251.1	215.5	184.6	156.9	131.8	112.4	94.0
-50°	383.0	338.4	296.4	259.4	225.5	195.8	167.5	144.0	122.9	104.6	88.0
-52.5°	334.8	296.4	262.2	231.0	202.7	175.6	152.8	130.9	113.8	97.1	81.7
-55°	289.2	259.4	231.0	204.9	180.1	158.1	137.6	120.4	104.3	89.8	75.3
-57.5°	251.1	225.5	202.7	180.1	159.9	141.2	124.4	109.6	95.6	82.2	68.3
-60°	215.5	195.8	175.6	158.1	141.2	125.8	112.3	99.0	86.8	74.3	61.1
-62.5°	184.6	167.5	152.8	137.6	124.4	112.3	100.2	89.1	77.9	66.0	53.8
-65°	156.9	144.0	130.9	120.4	109.6	99.0	89.1	79.0	68.4	57.4	46.5
-67.5°	131.8	122.9	113.8	104.3	95.6	86.8	77.9	68.4	58.6	48.7	39.6
-70°	112.4	104.6	97.1	89.8	82.2	74.3	66.0	57.4	48.7	40.7	32.5
-72.5°	94.0	88.0	81.7	75.3	68.3	61.1	53.8	46.5	39.6	32.5	25.4
-75°	76.7	71.3	65.7	59.9	53.9	47.9	42.1	36.3	30.3	24.3	19.8
-77.5°	58.5	54.0	49.3	44.8	40.3	35.6	30.9	26.0	21.8	18.3	14.8
-80°	40.9	37.6	34.2	30.7	27.0	23.4	20.7	18.1	15.3	12.5	9.7
-82.5°	24.1	22.2	20.5	18.6	16.8	14.8	12.9	10.9	8.8	6.7	5.7
-85°	12.3	11.2	10.0	8.8	7.6	6.3	5.8	5.3	4.8	4.3	3.8
-87.5°	4.3	4.0	3.8	3.6	3.4	3.1	2.9	2.7	2.4	2.2	1.9
-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: P645308 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-722-U-LAM-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°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
80°	6.8	5.4	4.4	3.3	2.2	1.1	0.0
77.5°	11.2	7.6	5.4	4.1	2.7	1.4	0.0
75°	15.5	11.2	6.8	4.9	3.3	1.6	0.0
72.5°	19.8	14.8	9.7	5.7	3.8	1.9	0.0
70°	24.3	18.3	12.5	6.7	4.3	2.2	0.0
67.5°	30.3	21.8	15.3	8.8	4.8	2.4	0.0
65°	36.3	26.0	18.1	10.9	5.3	2.7	0.0
62.5°	42.1	30.9	20.7	12.9	5.8	2.9	0.0
60°	47.9	35.6	23.4	14.8	6.3	3.1	0.0
57.5°	53.9	40.3	27.0	16.8	7.6	3.4	0.0
55°	59.9	44.8	30.7	18.6	8.8	3.6	0.0
52.5°	65.7	49.3	34.2	20.5	10.0	3.8	0.0
50°	71.3	54.0	37.6	22.2	11.2	4.0	0.0
47.5°	76.7	58.5	40.9	24.1	12.3	4.3	0.0
45°	81.7	62.8	44.0	26.5	13.4	4.5	0.0
42.5°	86.5	67.0	47.1	28.7	14.4	4.6	0.0
40°	91.0	71.0	50.1	30.9	15.4	4.8	0.0
37.5°	95.4	74.8	53.1	32.9	16.4	5.0	0.0
35°	99.5	78.2	56.0	34.9	17.3	5.2	0.0
32.5°	103.5	81.4	58.6	36.7	18.1	5.3	0.0
30°	107.6	84.4	61.1	38.4	18.9	5.5	0.0
27.5°	111.4	87.2	63.5	40.0	19.6	5.6	0.0
25°	114.9	89.8	65.6	41.4	20.3	5.7	0.0
22.5°	118.1	92.1	67.6	42.8	20.9	5.8	0.0
20°	121.0	94.2	69.3	44.0	21.4	5.9	0.0
17.5°	123.5	96.0	70.9	45.0	21.9	6.0	0.0
15°	125.8	97.7	72.2	45.9	22.3	6.1	0.0
12.5°	127.7	99.0	73.4	46.7	22.7	6.2	0.0
10°	129.2	100.2	74.3	47.4	23.0	6.2	0.0
7.5°	130.4	101.1	75.0	47.9	23.2	6.2	0.0
5°	131.3	101.7	75.6	48.2	23.4	6.3	0.0
2.5°	131.8	102.1	75.9	48.4	23.5	6.3	0.0
0°	132.0	102.2	76.0	48.5	23.5	6.3	0.0
-2.5°	131.8	102.1	75.9	48.4	23.5	6.3	0.0
-5°	131.3	101.7	75.6	48.2	23.4	6.3	0.0
-7.5°	130.4	101.1	75.0	47.9	23.2	6.2	0.0
-10°	129.2	100.2	74.3	47.4	23.0	6.2	0.0
-12.5°	127.7	99.0	73.4	46.7	22.7	6.2	0.0
-15°	125.8	97.7	72.2	45.9	22.3	6.1	0.0
-17.5°	123.5	96.0	70.9	45.0	21.9	6.0	0.0
-20°	121.0	94.2	69.3	44.0	21.4	5.9	0.0

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CATALOG NUMBER: GFLD-SA1B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	118.1	92.1	67.6	42.8	20.9	5.8	0.0
-25°	114.9	89.8	65.6	41.4	20.3	5.7	0.0
-27.5°	111.4	87.2	63.5	40.0	19.6	5.6	0.0
-30°	107.6	84.4	61.1	38.4	18.9	5.5	0.0
-32.5°	103.5	81.4	58.6	36.7	18.1	5.3	0.0
-35°	99.5	78.2	56.0	34.9	17.3	5.2	0.0
-37.5°	95.4	74.8	53.1	32.9	16.4	5.0	0.0
-40°	91.0	71.0	50.1	30.9	15.4	4.8	0.0
-42.5°	86.5	67.0	47.1	28.7	14.4	4.6	0.0
-45°	81.7	62.8	44.0	26.5	13.4	4.5	0.0
-47.5°	76.7	58.5	40.9	24.1	12.3	4.3	0.0
-50°	71.3	54.0	37.6	22.2	11.2	4.0	0.0
-52.5°	65.7	49.3	34.2	20.5	10.0	3.8	0.0
-55°	59.9	44.8	30.7	18.6	8.8	3.6	0.0
-57.5°	53.9	40.3	27.0	16.8	7.6	3.4	0.0
-60°	47.9	35.6	23.4	14.8	6.3	3.1	0.0
-62.5°	42.1	30.9	20.7	12.9	5.8	2.9	0.0
-65°	36.3	26.0	18.1	10.9	5.3	2.7	0.0
-67.5°	30.3	21.8	15.3	8.8	4.8	2.4	0.0
-70°	24.3	18.3	12.5	6.7	4.3	2.2	0.0
-72.5°	19.8	14.8	9.7	5.7	3.8	1.9	0.0
-75°	15.5	11.2	6.8	4.9	3.3	1.6	0.0
-77.5°	11.2	7.6	5.4	4.1	2.7	1.4	0.0
-80°	6.8	5.4	4.4	3.3	2.2	1.1	0.0
-82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
-85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-87.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)