

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: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-750-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-750-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N32
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

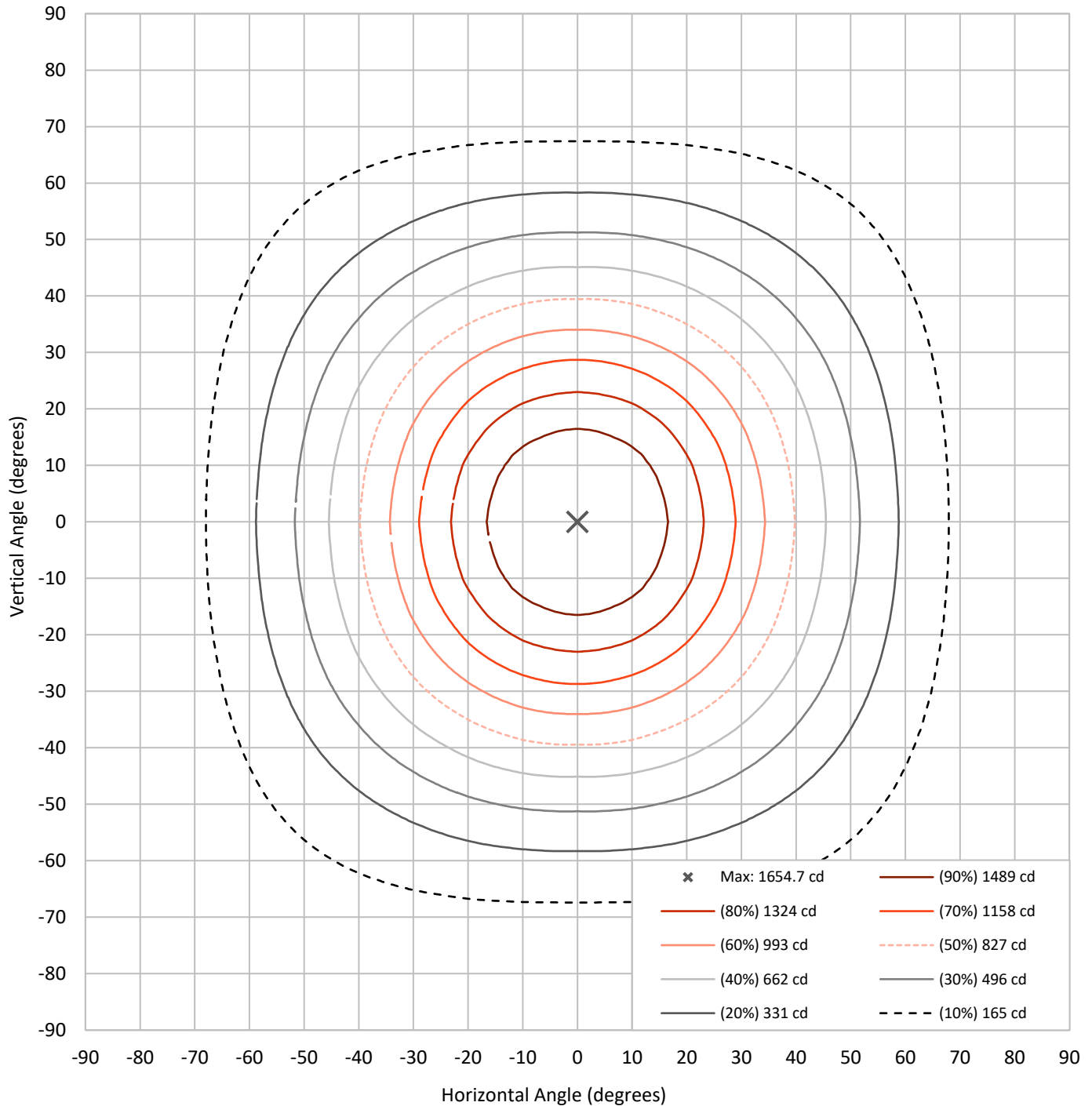
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2990.7 lumens	Max Intensity:	1654.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	165.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	1754.1 lumens	Field Lumens:	2851.2 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	18.1		
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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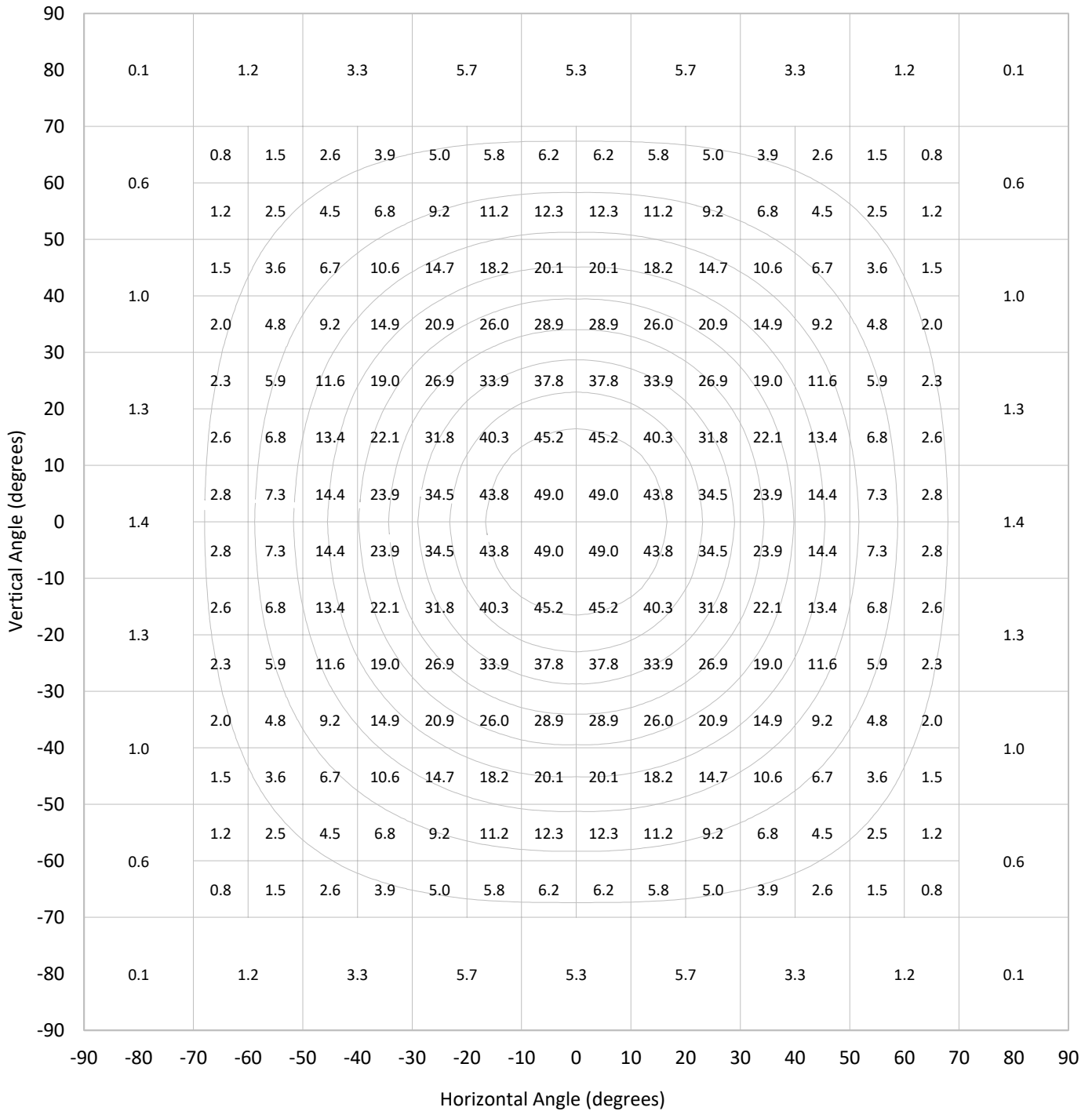
Iso-Candela Plot





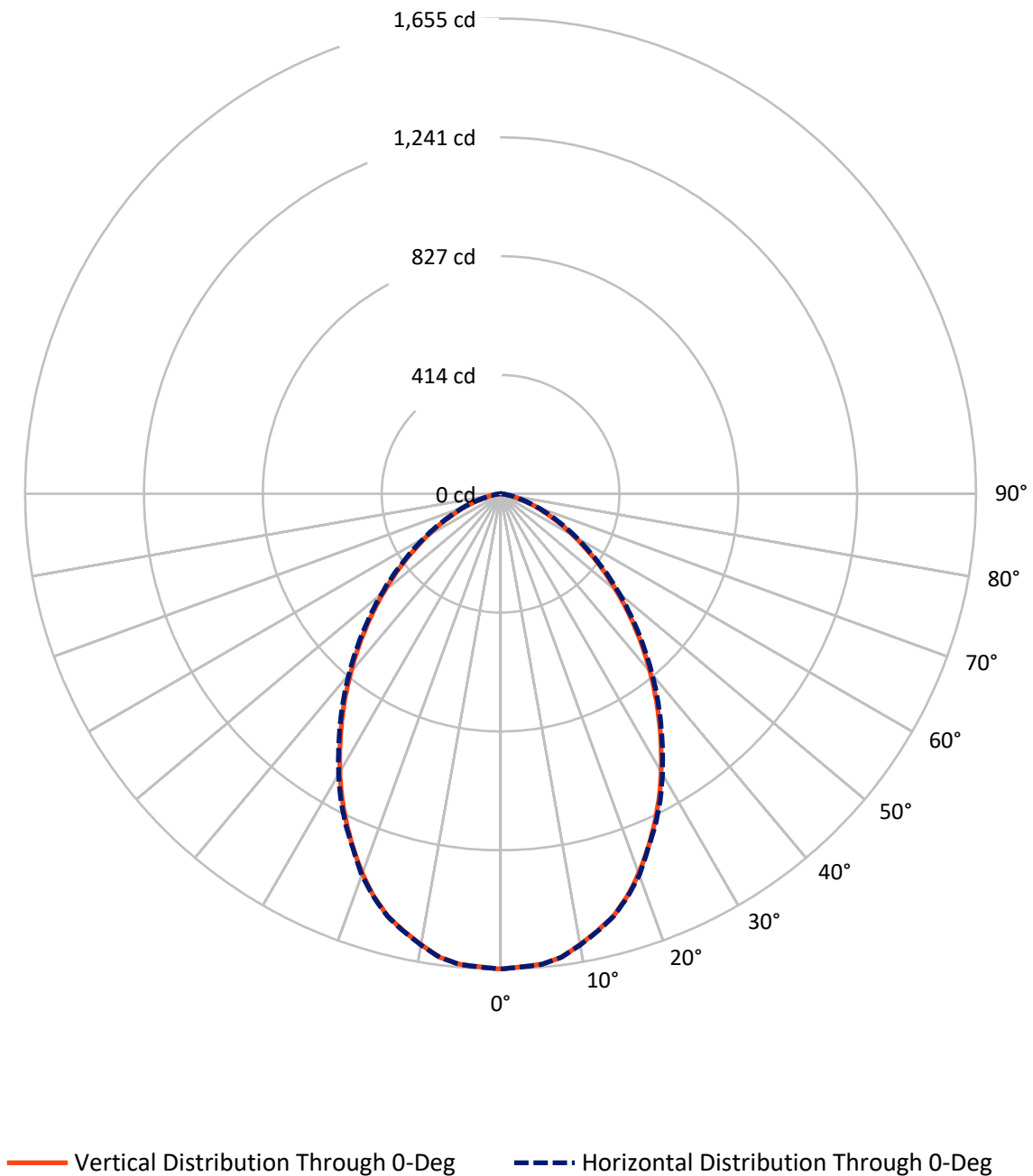
REPORT NUMBER: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



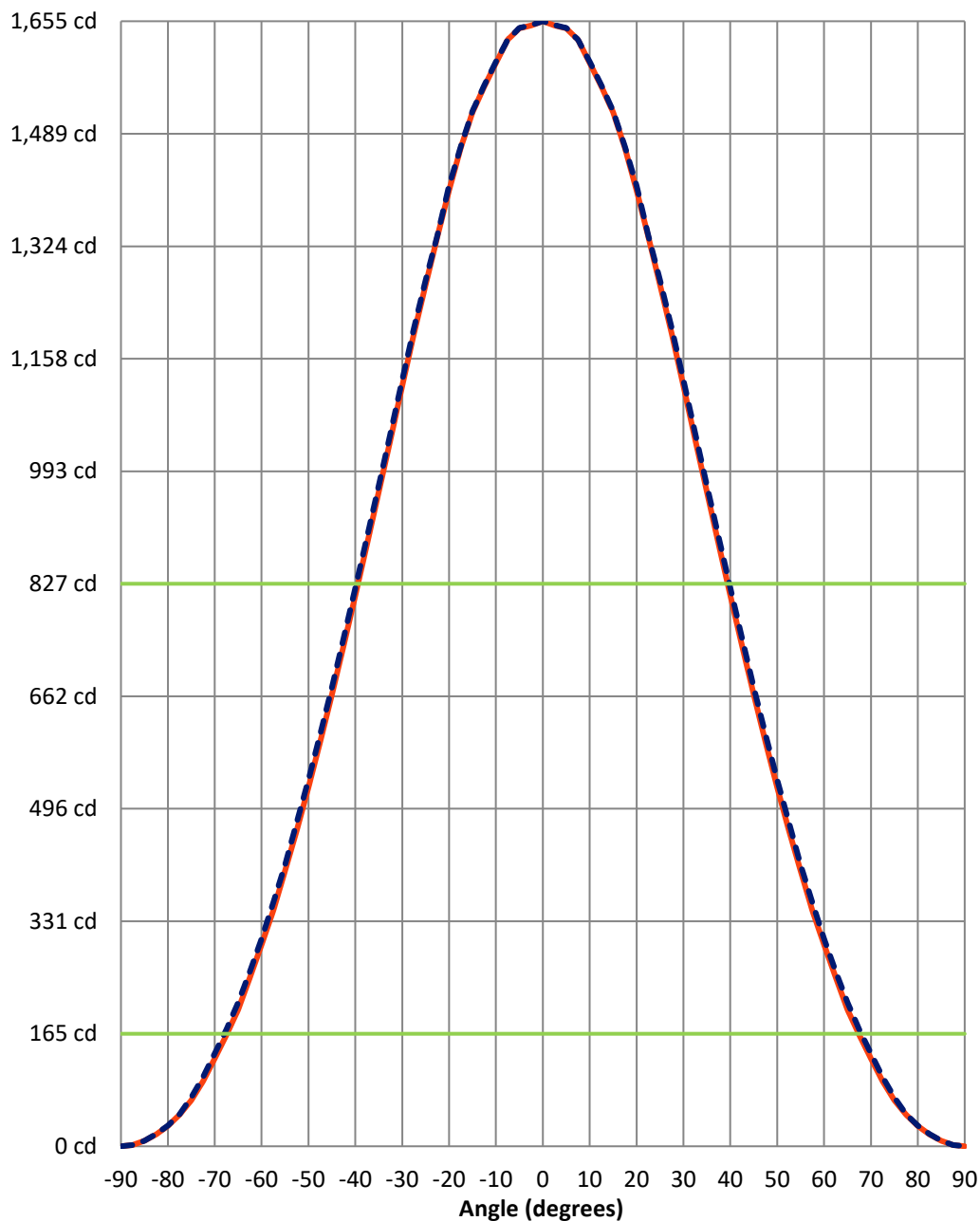
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 1754.1
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 2851.2
 Efficiency: 95.3%

Spill:
 Lumens: 139.6
 Efficiency: 4.7%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.8	4.4	5.9
80°	0.0	0.4	0.9	1.3	1.7	2.2	2.9	5.2	7.3	9.4	11.4
77.5°	0.0	0.5	1.1	1.6	2.2	3.4	6.3	9.1	11.8	14.4	17.6
75°	0.0	0.6	1.3	1.9	2.8	5.8	9.6	13.1	16.4	21.0	25.9
72.5°	0.0	0.7	1.5	2.2	4.5	8.2	12.8	17.3	22.6	28.2	34.1
70°	0.0	0.7	1.7	2.7	6.0	10.5	16.0	22.5	28.6	35.2	42.9
67.5°	0.0	0.8	1.9	3.7	7.6	12.6	19.9	27.5	34.6	42.9	51.7
65°	0.0	0.9	2.1	4.6	9.0	15.1	23.6	32.3	40.9	50.3	59.9
62.5°	0.0	1.0	2.2	5.5	10.4	17.8	27.1	37.4	47.1	57.3	67.2
60°	0.0	1.1	2.4	6.4	11.7	20.3	30.4	42.4	53.0	64.0	74.4
57.5°	0.0	1.2	2.9	7.2	13.5	22.7	33.9	47.1	58.9	70.5	81.3
55°	0.0	1.2	3.4	7.9	15.1	25.0	37.2	51.2	64.6	76.8	87.9
52.5°	0.0	1.3	3.8	8.6	16.7	27.1	40.3	55.4	70.2	82.6	94.3
50°	0.0	1.4	4.3	9.3	18.1	29.3	43.1	59.4	75.6	88.2	101.7
47.5°	0.0	1.4	4.7	9.9	19.4	31.4	45.7	63.1	80.4	93.6	108.9
45°	0.0	1.5	5.1	10.8	20.5	33.2	48.6	66.5	84.2	99.8	115.8
42.5°	0.0	1.6	5.4	11.6	21.6	34.9	51.3	69.7	87.8	105.7	123.9
40°	0.0	1.6	5.8	12.4	22.6	36.3	53.7	72.7	91.5	111.2	131.8
37.5°	0.0	1.7	6.1	13.1	23.7	37.6	55.9	75.5	95.7	116.5	139.2
35°	0.0	1.7	6.4	13.9	24.5	39.0	57.8	78.2	99.8	122.5	146.7
32.5°	0.0	1.7	6.7	14.6	25.3	40.4	59.6	80.7	103.8	128.3	154.6
30°	0.0	1.8	7.0	15.2	25.9	41.6	61.4	83.1	107.6	133.8	162.0
27.5°	0.0	1.8	7.2	15.7	26.8	42.6	63.1	86.1	111.6	139.1	168.9
25°	0.0	1.8	7.4	16.2	27.6	43.4	64.5	88.8	115.7	144.4	175.2
22.5°	0.0	1.9	7.6	16.7	28.4	44.2	65.8	91.2	119.5	149.5	182.0
20°	0.0	1.9	7.7	17.1	29.0	45.3	66.8	93.4	122.9	154.0	188.0
17.5°	0.0	1.9	7.9	17.4	29.5	46.2	68.1	95.4	126.0	158.0	193.3
15°	0.0	1.9	8.0	17.7	29.9	46.9	69.4	97.3	128.6	161.4	198.0
12.5°	0.0	1.9	8.1	17.9	30.3	47.4	70.5	99.0	131.0	164.2	201.8
10°	0.0	1.9	8.1	18.0	30.5	47.7	71.3	100.4	133.1	166.9	205.1
7.5°	0.0	1.9	8.1	18.1	30.6	47.8	71.9	101.3	134.7	169.0	207.9
5°	0.0	1.9	8.2	18.1	30.6	47.7	72.2	101.9	135.8	170.5	209.9
2.5°	0.0	1.9	8.1	18.1	30.6	47.5	72.2	102.0	136.4	171.5	211.1
0°	0.0	1.9	8.1	18.0	30.4	47.1	71.9	101.7	136.4	171.8	211.5
-2.5°	0.0	1.9	8.1	18.1	30.6	47.5	72.2	102.0	136.4	171.5	211.1
-5°	0.0	1.9	8.2	18.1	30.6	47.7	72.2	101.9	135.8	170.5	209.9
-7.5°	0.0	1.9	8.1	18.1	30.6	47.8	71.9	101.3	134.7	169.0	207.9
-10°	0.0	1.9	8.1	18.0	30.5	47.7	71.3	100.4	133.1	166.9	205.1
-12.5°	0.0	1.9	8.1	17.9	30.3	47.4	70.5	99.0	131.0	164.2	201.8
-15°	0.0	1.9	8.0	17.7	29.9	46.9	69.4	97.3	128.6	161.4	198.0
-17.5°	0.0	1.9	7.9	17.4	29.5	46.2	68.1	95.4	126.0	158.0	193.3
-20°	0.0	1.9	7.7	17.1	29.0	45.3	66.8	93.4	122.9	154.0	188.0

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CATALOG NUMBER: GFLD-SA1A-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.9	7.6	16.7	28.4	44.2	65.8	91.2	119.5	149.5	182.0
-25°	0.0	1.8	7.4	16.2	27.6	43.4	64.5	88.8	115.7	144.4	175.2
-27.5°	0.0	1.8	7.2	15.7	26.8	42.6	63.1	86.1	111.6	139.1	168.9
-30°	0.0	1.8	7.0	15.2	25.9	41.6	61.4	83.1	107.6	133.8	162.0
-32.5°	0.0	1.7	6.7	14.6	25.3	40.4	59.6	80.7	103.8	128.3	154.6
-35°	0.0	1.7	6.4	13.9	24.5	39.0	57.8	78.2	99.8	122.5	146.7
-37.5°	0.0	1.7	6.1	13.1	23.7	37.6	55.9	75.5	95.7	116.5	139.2
-40°	0.0	1.6	5.8	12.4	22.6	36.3	53.7	72.7	91.5	111.2	131.8
-42.5°	0.0	1.6	5.4	11.6	21.6	34.9	51.3	69.7	87.8	105.7	123.9
-45°	0.0	1.5	5.1	10.8	20.5	33.2	48.6	66.5	84.2	99.8	115.8
-47.5°	0.0	1.4	4.7	9.9	19.4	31.4	45.7	63.1	80.4	93.6	108.9
-50°	0.0	1.4	4.3	9.3	18.1	29.3	43.1	59.4	75.6	88.2	101.7
-52.5°	0.0	1.3	3.8	8.6	16.7	27.1	40.3	55.4	70.2	82.6	94.3
-55°	0.0	1.2	3.4	7.9	15.1	25.0	37.2	51.2	64.6	76.8	87.9
-57.5°	0.0	1.2	2.9	7.2	13.5	22.7	33.9	47.1	58.9	70.5	81.3
-60°	0.0	1.1	2.4	6.4	11.7	20.3	30.4	42.4	53.0	64.0	74.4
-62.5°	0.0	1.0	2.2	5.5	10.4	17.8	27.1	37.4	47.1	57.3	67.2
-65°	0.0	0.9	2.1	4.6	9.0	15.1	23.6	32.3	40.9	50.3	59.9
-67.5°	0.0	0.8	1.9	3.7	7.6	12.6	19.9	27.5	34.6	42.9	51.7
-70°	0.0	0.7	1.7	2.7	6.0	10.5	16.0	22.5	28.6	35.2	42.9
-72.5°	0.0	0.7	1.5	2.2	4.5	8.2	12.8	17.3	22.6	28.2	34.1
-75°	0.0	0.6	1.3	1.9	2.8	5.8	9.6	13.1	16.4	21.0	25.9
-77.5°	0.0	0.5	1.1	1.6	2.2	3.4	6.3	9.1	11.8	14.4	17.6
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.9	5.2	7.3	9.4	11.4
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.8	4.4	5.9
-85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
-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: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-VWR-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°	1.2	1.4	1.6	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.0
85°	2.4	2.8	3.9	4.9	5.4	5.7	5.9	5.8	6.8	7.9	9.1
82.5°	7.6	9.1	10.6	12.0	12.4	12.3	12.2	12.3	14.5	17.1	19.7
80°	13.4	15.4	18.0	20.4	21.4	21.9	22.1	22.1	24.9	28.7	32.6
77.5°	21.3	24.7	27.6	30.0	31.4	32.5	33.5	34.2	37.8	42.6	47.3
75°	30.3	34.0	37.6	40.8	43.0	44.6	46.1	48.6	53.3	58.9	63.7
72.5°	39.8	44.4	48.5	51.9	55.0	58.3	61.9	66.0	71.0	76.5	81.6
70°	49.9	55.0	59.2	63.3	67.5	72.5	78.0	83.4	89.0	95.1	101.0
67.5°	59.8	64.7	69.7	74.9	81.2	87.8	94.3	101.8	109.5	116.3	122.3
65°	68.3	74.1	80.4	87.4	95.2	103.6	112.3	121.3	131.1	139.2	146.6
62.5°	76.6	83.5	91.1	99.9	109.9	119.8	130.9	142.1	153.1	162.7	171.6
60°	84.1	92.6	102.2	113.0	124.6	137.8	150.4	163.2	175.2	186.1	197.3
57.5°	91.5	102.2	113.6	126.6	141.3	156.1	170.9	184.7	198.3	211.5	224.2
55°	99.3	112.1	125.8	141.7	158.2	175.7	191.7	207.1	222.1	238.2	253.4
52.5°	107.9	122.2	139.3	157.1	176.2	195.0	212.6	230.1	248.2	266.4	286.3
50°	116.2	134.0	152.7	173.4	194.0	214.2	234.4	254.5	276.2	298.5	321.1
47.5°	125.8	145.3	167.4	189.6	212.2	234.6	257.0	281.4	306.0	331.9	356.9
45°	135.6	157.5	181.3	206.4	230.8	255.6	281.9	308.9	337.7	366.2	396.2
42.5°	144.9	169.6	195.9	223.0	250.1	277.8	306.8	338.2	369.7	402.6	435.6
40°	155.2	181.1	210.1	239.9	269.4	300.1	333.2	367.2	403.0	439.1	474.8
37.5°	165.0	193.5	224.0	256.1	289.2	323.0	358.9	397.5	436.3	475.1	514.6
35°	174.3	205.3	238.3	272.4	307.5	346.0	386.1	427.3	469.3	511.3	553.8
32.5°	183.8	216.4	252.0	288.5	327.2	368.4	412.3	457.0	501.7	546.6	593.2
30°	193.3	228.1	265.3	303.8	346.0	390.9	438.1	485.5	532.8	582.2	631.8
27.5°	202.3	239.2	278.3	319.5	364.1	411.8	461.9	512.7	563.6	616.2	669.0
25°	210.6	249.7	290.4	334.6	381.9	431.8	484.1	537.0	593.0	649.2	704.3
22.5°	218.7	259.3	301.6	348.6	398.0	450.5	504.9	560.8	619.2	679.6	736.7
20°	226.5	268.5	312.5	361.2	412.4	467.3	523.8	582.4	643.7	705.6	767.0
17.5°	233.4	276.7	322.7	373.0	426.2	482.7	540.8	601.3	665.4	729.5	794.7
15°	239.4	283.8	331.5	383.3	438.4	496.6	556.7	618.9	684.5	751.4	819.1
12.5°	244.5	289.8	338.9	392.1	448.8	508.6	570.3	634.6	702.1	770.8	840.5
10°	248.7	294.6	344.9	399.2	457.2	518.4	581.4	647.7	717.1	787.3	858.5
7.5°	252.2	298.7	349.6	404.7	463.7	526.2	590.2	657.8	729.1	800.2	872.9
5°	254.7	302.0	354.0	409.4	469.4	532.3	596.8	665.1	737.9	809.4	883.4
2.5°	256.3	304.1	357.0	412.4	473.8	536.8	602.6	671.4	744.3	816.7	891.3
0°	256.8	305.1	358.5	413.7	476.3	539.0	605.9	674.8	747.3	821.2	896.2
-2.5°	256.3	304.1	357.0	412.4	473.8	536.8	602.6	671.4	744.3	816.7	891.3
-5°	254.7	302.0	354.0	409.4	469.4	532.3	596.8	665.1	737.9	809.4	883.4
-7.5°	252.2	298.7	349.6	404.7	463.7	526.2	590.2	657.8	729.1	800.2	872.9
-10°	248.7	294.6	344.9	399.2	457.2	518.4	581.4	647.7	717.1	787.3	858.5
-12.5°	244.5	289.8	338.9	392.1	448.8	508.6	570.3	634.6	702.1	770.8	840.5
-15°	239.4	283.8	331.5	383.3	438.4	496.6	556.7	618.9	684.5	751.4	819.1
-17.5°	233.4	276.7	322.7	373.0	426.2	482.7	540.8	601.3	665.4	729.5	794.7
-20°	226.5	268.5	312.5	361.2	412.4	467.3	523.8	582.4	643.7	705.6	767.0

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	218.7	259.3	301.6	348.6	398.0	450.5	504.9	560.8	619.2	679.6	736.7
-25°	210.6	249.7	290.4	334.6	381.9	431.8	484.1	537.0	593.0	649.2	704.3
-27.5°	202.3	239.2	278.3	319.5	364.1	411.8	461.9	512.7	563.6	616.2	669.0
-30°	193.3	228.1	265.3	303.8	346.0	390.9	438.1	485.5	532.8	582.2	631.8
-32.5°	183.8	216.4	252.0	288.5	327.2	368.4	412.3	457.0	501.7	546.6	593.2
-35°	174.3	205.3	238.3	272.4	307.5	346.0	386.1	427.3	469.3	511.3	553.8
-37.5°	165.0	193.5	224.0	256.1	289.2	323.0	358.9	397.5	436.3	475.1	514.6
-40°	155.2	181.1	210.1	239.9	269.4	300.1	333.2	367.2	403.0	439.1	474.8
-42.5°	144.9	169.6	195.9	223.0	250.1	277.8	306.8	338.2	369.7	402.6	435.6
-45°	135.6	157.5	181.3	206.4	230.8	255.6	281.9	308.9	337.7	366.2	396.2
-47.5°	125.8	145.3	167.4	189.6	212.2	234.6	257.0	281.4	306.0	331.9	356.9
-50°	116.2	134.0	152.7	173.4	194.0	214.2	234.4	254.5	276.2	298.5	321.1
-52.5°	107.9	122.2	139.3	157.1	176.2	195.0	212.6	230.1	248.2	266.4	286.3
-55°	99.3	112.1	125.8	141.7	158.2	175.7	191.7	207.1	222.1	238.2	253.4
-57.5°	91.5	102.2	113.6	126.6	141.3	156.1	170.9	184.7	198.3	211.5	224.2
-60°	84.1	92.6	102.2	113.0	124.6	137.8	150.4	163.2	175.2	186.1	197.3
-62.5°	76.6	83.5	91.1	99.9	109.9	119.8	130.9	142.1	153.1	162.7	171.6
-65°	68.3	74.1	80.4	87.4	95.2	103.6	112.3	121.3	131.1	139.2	146.6
-67.5°	59.8	64.7	69.7	74.9	81.2	87.8	94.3	101.8	109.5	116.3	122.3
-70°	49.9	55.0	59.2	63.3	67.5	72.5	78.0	83.4	89.0	95.1	101.0
-72.5°	39.8	44.4	48.5	51.9	55.0	58.3	61.9	66.0	71.0	76.5	81.6
-75°	30.3	34.0	37.6	40.8	43.0	44.6	46.1	48.6	53.3	58.9	63.7
-77.5°	21.3	24.7	27.6	30.0	31.4	32.5	33.5	34.2	37.8	42.6	47.3
-80°	13.4	15.4	18.0	20.4	21.4	21.9	22.1	22.1	24.9	28.7	32.6
-82.5°	7.6	9.1	10.6	12.0	12.4	12.3	12.2	12.3	14.5	17.1	19.7
-85°	2.4	2.8	3.9	4.9	5.4	5.7	5.9	5.8	6.8	7.9	9.1
-87.5°	1.2	1.4	1.6	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.0
-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: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.3	2.2
85°	10.4	11.1	11.8	12.4	13.1	13.6	14.2	14.7	15.2	13.9	12.4
82.5°	22.4	24.2	25.9	27.6	29.2	29.7	29.8	29.7	29.5	27.2	24.6
80°	36.5	39.6	42.4	45.2	48.0	48.4	48.1	47.5	46.7	43.6	40.2
77.5°	52.0	55.8	59.2	62.2	65.0	65.5	65.4	65.3	65.1	62.0	58.2
75°	67.8	71.6	75.2	78.2	80.8	82.0	82.5	82.9	83.1	80.9	78.0
72.5°	86.1	90.0	93.2	96.2	98.7	100.6	101.9	102.8	103.5	102.8	101.6
70°	106.0	110.2	113.7	117.1	120.5	123.3	125.3	126.9	127.8	128.4	128.9
67.5°	128.5	134.1	139.0	143.1	147.3	151.2	154.4	157.0	159.0	160.7	162.0
65°	153.7	160.9	167.3	173.1	178.5	184.1	188.7	192.6	195.7	198.3	200.3
62.5°	180.3	189.1	197.3	205.2	213.0	220.6	226.5	231.8	236.6	240.6	243.9
60°	207.9	217.9	228.8	239.3	248.9	257.7	266.5	274.0	280.5	285.9	290.2
57.5°	237.6	250.5	263.3	276.3	288.6	300.0	310.8	320.3	328.3	334.9	340.4
55°	269.6	285.8	300.6	317.0	332.9	347.3	360.0	371.1	380.8	388.8	395.7
52.5°	304.9	324.5	343.8	362.5	380.4	397.1	412.3	425.3	436.9	446.8	454.7
50°	343.4	365.9	388.3	409.0	429.7	448.9	466.4	481.4	494.8	506.5	515.6
47.5°	383.8	409.4	434.3	458.1	480.9	502.3	521.1	538.3	555.1	568.7	579.6
45°	425.7	454.4	481.9	509.0	534.2	558.1	581.4	602.8	620.0	635.1	647.7
42.5°	468.0	500.0	530.9	560.5	588.1	615.9	642.1	665.5	685.1	702.2	716.5
40°	511.0	546.0	580.0	612.2	643.9	674.2	702.5	727.1	749.2	769.6	786.5
37.5°	553.7	592.2	629.9	666.1	700.9	733.6	764.2	792.1	817.0	840.2	859.0
35°	596.6	638.9	680.1	719.9	757.9	794.1	827.6	859.3	888.7	912.2	931.4
32.5°	639.3	684.8	729.7	773.5	815.1	854.1	890.4	925.4	955.7	981.4	1003.5
30°	680.7	730.0	778.8	826.3	871.3	913.6	953.7	990.7	1023.3	1051.4	1076.3
27.5°	721.3	774.2	826.7	877.4	926.0	971.9	1015.7	1055.9	1091.4	1122.1	1148.2
25°	759.6	816.6	872.4	926.2	978.1	1028.8	1076.1	1120.0	1157.9	1191.5	1218.4
22.5°	796.3	857.0	915.7	972.2	1027.8	1082.4	1134.2	1180.0	1220.2	1255.4	1285.1
20°	830.4	895.5	955.5	1015.4	1073.9	1132.2	1187.8	1236.1	1278.6	1316.0	1348.8
17.5°	862.4	929.1	992.3	1056.0	1117.7	1178.8	1235.3	1287.1	1333.0	1372.7	1407.1
15°	889.4	956.7	1025.8	1093.8	1158.9	1220.8	1277.2	1331.3	1382.2	1425.2	1460.1
12.5°	911.3	981.3	1053.4	1125.6	1194.4	1256.2	1315.3	1370.1	1423.6	1472.0	1504.0
10°	929.9	1002.1	1076.4	1150.1	1219.8	1285.2	1349.5	1407.4	1460.1	1503.3	1539.0
7.5°	946.0	1020.3	1095.9	1169.6	1239.1	1306.7	1372.9	1434.5	1487.6	1528.3	1560.2
5°	957.9	1034.0	1111.0	1185.4	1255.9	1323.7	1390.2	1451.0	1502.8	1544.2	1579.0
2.5°	966.4	1043.2	1120.8	1195.3	1267.3	1335.3	1403.4	1464.9	1515.1	1553.1	1586.4
0°	971.9	1048.8	1126.9	1203.2	1273.9	1339.6	1412.8	1470.5	1522.6	1560.4	1595.2
-2.5°	966.4	1043.2	1120.8	1195.3	1267.3	1335.3	1403.4	1464.9	1515.1	1553.1	1586.4
-5°	957.9	1034.0	1111.0	1185.4	1255.9	1323.7	1390.2	1451.0	1502.8	1544.2	1579.0
-7.5°	946.0	1020.3	1095.9	1169.6	1239.1	1306.7	1372.9	1434.5	1487.6	1528.3	1560.2
-10°	929.9	1002.1	1076.4	1150.1	1219.8	1285.2	1349.5	1407.4	1460.1	1503.3	1539.0
-12.5°	911.3	981.3	1053.4	1125.6	1194.4	1256.2	1315.3	1370.1	1423.6	1472.0	1504.0
-15°	889.4	956.7	1025.8	1093.8	1158.9	1220.8	1277.2	1331.3	1382.2	1425.2	1460.1
-17.5°	862.4	929.1	992.3	1056.0	1117.7	1178.8	1235.3	1287.1	1333.0	1372.7	1407.1
-20°	830.4	895.5	955.5	1015.4	1073.9	1132.2	1187.8	1236.1	1278.6	1316.0	1348.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	796.3	857.0	915.7	972.2	1027.8	1082.4	1134.2	1180.0	1220.2	1255.4	1285.1
-25°	759.6	816.6	872.4	926.2	978.1	1028.8	1076.1	1120.0	1157.9	1191.5	1218.4
-27.5°	721.3	774.2	826.7	877.4	926.0	971.9	1015.7	1055.9	1091.4	1122.1	1148.2
-30°	680.7	730.0	778.8	826.3	871.3	913.6	953.7	990.7	1023.3	1051.4	1076.3
-32.5°	639.3	684.8	729.7	773.5	815.1	854.1	890.4	925.4	955.7	981.4	1003.5
-35°	596.6	638.9	680.1	719.9	757.9	794.1	827.6	859.3	888.7	912.2	931.4
-37.5°	553.7	592.2	629.9	666.1	700.9	733.6	764.2	792.1	817.0	840.2	859.0
-40°	511.0	546.0	580.0	612.2	643.9	674.2	702.5	727.1	749.2	769.6	786.5
-42.5°	468.0	500.0	530.9	560.5	588.1	615.9	642.1	665.5	685.1	702.2	716.5
-45°	425.7	454.4	481.9	509.0	534.2	558.1	581.4	602.8	620.0	635.1	647.7
-47.5°	383.8	409.4	434.3	458.1	480.9	502.3	521.1	538.3	555.1	568.7	579.6
-50°	343.4	365.9	388.3	409.0	429.7	448.9	466.4	481.4	494.8	506.5	515.6
-52.5°	304.9	324.5	343.8	362.5	380.4	397.1	412.3	425.3	436.9	446.8	454.7
-55°	269.6	285.8	300.6	317.0	332.9	347.3	360.0	371.1	380.8	388.8	395.7
-57.5°	237.6	250.5	263.3	276.3	288.6	300.0	310.8	320.3	328.3	334.9	340.4
-60°	207.9	217.9	228.8	239.3	248.9	257.7	266.5	274.0	280.5	285.9	290.2
-62.5°	180.3	189.1	197.3	205.2	213.0	220.6	226.5	231.8	236.6	240.6	243.9
-65°	153.7	160.9	167.3	173.1	178.5	184.1	188.7	192.6	195.7	198.3	200.3
-67.5°	128.5	134.1	139.0	143.1	147.3	151.2	154.4	157.0	159.0	160.7	162.0
-70°	106.0	110.2	113.7	117.1	120.5	123.3	125.3	126.9	127.8	128.4	128.9
-72.5°	86.1	90.0	93.2	96.2	98.7	100.6	101.9	102.8	103.5	102.8	101.6
-75°	67.8	71.6	75.2	78.2	80.8	82.0	82.5	82.9	83.1	80.9	78.0
-77.5°	52.0	55.8	59.2	62.2	65.0	65.5	65.4	65.3	65.1	62.0	58.2
-80°	36.5	39.6	42.4	45.2	48.0	48.4	48.1	47.5	46.7	43.6	40.2
-82.5°	22.4	24.2	25.9	27.6	29.2	29.7	29.8	29.7	29.5	27.2	24.6
-85°	10.4	11.1	11.8	12.4	13.1	13.6	14.2	14.7	15.2	13.9	12.4
-87.5°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.3	2.2
-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: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	1.9	1.9	1.9	1.9	1.9	2.0	2.2	2.3	2.4	2.4
85°	10.9	9.3	8.7	8.1	8.7	9.3	10.9	12.4	13.9	15.2	14.7
82.5°	21.9	19.1	18.3	17.4	18.3	19.1	21.9	24.6	27.2	29.5	29.7
80°	36.6	32.8	31.3	29.8	31.3	32.8	36.6	40.2	43.6	46.7	47.5
77.5°	54.2	50.1	48.3	46.5	48.3	50.1	54.2	58.2	62.0	65.1	65.3
75°	74.9	71.7	69.7	67.6	69.7	71.7	74.9	78.0	80.9	83.1	82.9
72.5°	100.3	98.7	97.2	95.5	97.2	98.7	100.3	101.6	102.8	103.5	102.8
70°	129.0	128.8	129.1	129.0	129.1	128.8	129.0	128.9	128.4	127.8	126.9
67.5°	162.7	162.7	163.4	163.7	163.4	162.7	162.7	162.0	160.7	159.0	157.0
65°	201.6	202.1	201.9	200.9	201.9	202.1	201.6	200.3	198.3	195.7	192.6
62.5°	246.2	247.5	248.2	248.1	248.2	247.5	246.2	243.9	240.6	236.6	231.8
60°	293.4	295.5	296.6	296.5	296.6	295.5	293.4	290.2	285.9	280.5	274.0
57.5°	344.5	347.2	347.8	346.7	347.8	347.2	344.5	340.4	334.9	328.3	320.3
55°	400.9	404.3	405.6	405.0	405.6	404.3	400.9	395.7	388.8	380.8	371.1
52.5°	460.4	464.1	465.5	464.5	465.5	464.1	460.4	454.7	446.8	436.9	425.3
50°	522.3	526.8	528.7	527.8	528.7	526.8	522.3	515.6	506.5	494.8	481.4
47.5°	588.0	594.0	596.4	594.8	596.4	594.0	588.0	579.6	568.7	555.1	538.3
45°	657.2	663.4	665.8	664.2	665.8	663.4	657.2	647.7	635.1	620.0	602.8
42.5°	727.5	735.6	739.0	736.2	739.0	735.6	727.5	716.5	702.2	685.1	665.5
40°	799.1	807.9	812.0	810.0	812.0	807.9	799.1	786.5	769.6	749.2	727.1
37.5°	872.6	881.3	885.6	885.7	885.6	881.3	872.6	859.0	840.2	817.0	792.1
35°	946.3	956.9	962.9	962.6	962.9	956.9	946.3	931.4	912.2	888.7	859.3
32.5°	1021.0	1032.5	1038.6	1039.5	1038.6	1032.5	1021.0	1003.5	981.4	955.7	925.4
30°	1095.6	1108.2	1115.3	1118.2	1115.3	1108.2	1095.6	1076.3	1051.4	1023.3	990.7
27.5°	1168.0	1183.5	1194.2	1195.1	1194.2	1183.5	1168.0	1148.2	1122.1	1091.4	1055.9
25°	1238.1	1253.9	1264.8	1267.1	1264.8	1253.9	1238.1	1218.4	1191.5	1157.9	1120.0
22.5°	1307.2	1323.7	1333.8	1337.8	1333.8	1323.7	1307.2	1285.1	1255.4	1220.2	1180.0
20°	1373.1	1391.0	1401.7	1406.0	1401.7	1391.0	1373.1	1348.8	1316.0	1278.6	1236.1
17.5°	1432.8	1451.7	1464.9	1468.6	1464.9	1451.7	1432.8	1407.1	1372.7	1333.0	1287.1
15°	1485.3	1503.2	1515.8	1520.7	1515.8	1503.2	1485.3	1460.1	1425.2	1382.2	1331.3
12.5°	1528.0	1544.0	1553.9	1558.6	1553.9	1544.0	1528.0	1504.0	1472.0	1423.6	1370.1
10°	1561.4	1577.5	1586.9	1593.3	1586.9	1577.5	1561.4	1539.0	1503.3	1460.1	1407.4
7.5°	1590.4	1606.8	1618.4	1627.4	1618.4	1606.8	1590.4	1560.2	1528.3	1487.6	1434.5
5°	1606.4	1633.8	1638.0	1644.2	1638.0	1633.8	1606.4	1579.0	1544.2	1502.8	1451.0
2.5°	1618.6	1638.1	1649.8	1648.5	1649.8	1638.1	1618.6	1586.4	1553.1	1515.1	1464.9
0°	1627.4	1644.8	1649.1	1654.7	1649.1	1644.8	1627.4	1595.2	1560.4	1522.6	1470.5
-2.5°	1618.6	1638.1	1649.8	1648.5	1649.8	1638.1	1618.6	1586.4	1553.1	1515.1	1464.9
-5°	1606.4	1633.8	1638.0	1644.2	1638.0	1633.8	1606.4	1579.0	1544.2	1502.8	1451.0
-7.5°	1590.4	1606.8	1618.4	1627.4	1618.4	1606.8	1590.4	1560.2	1528.3	1487.6	1434.5
-10°	1561.4	1577.5	1586.9	1593.3	1586.9	1577.5	1561.4	1539.0	1503.3	1460.1	1407.4
-12.5°	1528.0	1544.0	1553.9	1558.6	1553.9	1544.0	1528.0	1504.0	1472.0	1423.6	1370.1
-15°	1485.3	1503.2	1515.8	1520.7	1515.8	1503.2	1485.3	1460.1	1425.2	1382.2	1331.3
-17.5°	1432.8	1451.7	1464.9	1468.6	1464.9	1451.7	1432.8	1407.1	1372.7	1333.0	1287.1
-20°	1373.1	1391.0	1401.7	1406.0	1401.7	1391.0	1373.1	1348.8	1316.0	1278.6	1236.1



REPORT NUMBER: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1307.2	1323.7	1333.8	1337.8	1333.8	1323.7	1307.2	1285.1	1255.4	1220.2	1180.0
-25°	1238.1	1253.9	1264.8	1267.1	1264.8	1253.9	1238.1	1218.4	1191.5	1157.9	1120.0
-27.5°	1168.0	1183.5	1194.2	1195.1	1194.2	1183.5	1168.0	1148.2	1122.1	1091.4	1055.9
-30°	1095.6	1108.2	1115.3	1118.2	1115.3	1108.2	1095.6	1076.3	1051.4	1023.3	990.7
-32.5°	1021.0	1032.5	1038.6	1039.5	1038.6	1032.5	1021.0	1003.5	981.4	955.7	925.4
-35°	946.3	956.9	962.9	962.6	962.9	956.9	946.3	931.4	912.2	888.7	859.3
-37.5°	872.6	881.3	885.6	885.7	885.6	881.3	872.6	859.0	840.2	817.0	792.1
-40°	799.1	807.9	812.0	810.0	812.0	807.9	799.1	786.5	769.6	749.2	727.1
-42.5°	727.5	735.6	739.0	736.2	739.0	735.6	727.5	716.5	702.2	685.1	665.5
-45°	657.2	663.4	665.8	664.2	665.8	663.4	657.2	647.7	635.1	620.0	602.8
-47.5°	588.0	594.0	596.4	594.8	596.4	594.0	588.0	579.6	568.7	555.1	538.3
-50°	522.3	526.8	528.7	527.8	528.7	526.8	522.3	515.6	506.5	494.8	481.4
-52.5°	460.4	464.1	465.5	464.5	465.5	464.1	460.4	454.7	446.8	436.9	425.3
-55°	400.9	404.3	405.6	405.0	405.6	404.3	400.9	395.7	388.8	380.8	371.1
-57.5°	344.5	347.2	347.8	346.7	347.8	347.2	344.5	340.4	334.9	328.3	320.3
-60°	293.4	295.5	296.6	296.5	296.6	295.5	293.4	290.2	285.9	280.5	274.0
-62.5°	246.2	247.5	248.2	248.1	248.2	247.5	246.2	243.9	240.6	236.6	231.8
-65°	201.6	202.1	201.9	200.9	201.9	202.1	201.6	200.3	198.3	195.7	192.6
-67.5°	162.7	162.7	163.4	163.7	163.4	162.7	162.7	162.0	160.7	159.0	157.0
-70°	129.0	128.8	129.1	129.0	129.1	128.8	129.0	128.9	128.4	127.8	126.9
-72.5°	100.3	98.7	97.2	95.5	97.2	98.7	100.3	101.6	102.8	103.5	102.8
-75°	74.9	71.7	69.7	67.6	69.7	71.7	74.9	78.0	80.9	83.1	82.9
-77.5°	54.2	50.1	48.3	46.5	48.3	50.1	54.2	58.2	62.0	65.1	65.3
-80°	36.6	32.8	31.3	29.8	31.3	32.8	36.6	40.2	43.6	46.7	47.5
-82.5°	21.9	19.1	18.3	17.4	18.3	19.1	21.9	24.6	27.2	29.5	29.7
-85°	10.9	9.3	8.7	8.1	8.7	9.3	10.9	12.4	13.9	15.2	14.7
-87.5°	2.0	1.9	1.9	1.9	1.9	1.9	2.0	2.2	2.3	2.4	2.4
-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: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8
85°	14.2	13.6	13.1	12.4	11.8	11.1	10.4	9.1	7.9	6.8	5.8
82.5°	29.8	29.7	29.2	27.6	25.9	24.2	22.4	19.7	17.1	14.5	12.3
80°	48.1	48.4	48.0	45.2	42.4	39.6	36.5	32.6	28.7	24.9	22.1
77.5°	65.4	65.5	65.0	62.2	59.2	55.8	52.0	47.3	42.6	37.8	34.2
75°	82.5	82.0	80.8	78.2	75.2	71.6	67.8	63.7	58.9	53.3	48.6
72.5°	101.9	100.6	98.7	96.2	93.2	90.0	86.1	81.6	76.5	71.0	66.0
70°	125.3	123.3	120.5	117.1	113.7	110.2	106.0	101.0	95.1	89.0	83.4
67.5°	154.4	151.2	147.3	143.1	139.0	134.1	128.5	122.3	116.3	109.5	101.8
65°	188.7	184.1	178.5	173.1	167.3	160.9	153.7	146.6	139.2	131.1	121.3
62.5°	226.5	220.6	213.0	205.2	197.3	189.1	180.3	171.6	162.7	153.1	142.1
60°	266.5	257.7	248.9	239.3	228.8	217.9	207.9	197.3	186.1	175.2	163.2
57.5°	310.8	300.0	288.6	276.3	263.3	250.5	237.6	224.2	211.5	198.3	184.7
55°	360.0	347.3	332.9	317.0	300.6	285.8	269.6	253.4	238.2	222.1	207.1
52.5°	412.3	397.1	380.4	362.5	343.8	324.5	304.9	286.3	266.4	248.2	230.1
50°	466.4	448.9	429.7	409.0	388.3	365.9	343.4	321.1	298.5	276.2	254.5
47.5°	521.1	502.3	480.9	458.1	434.3	409.4	383.8	356.9	331.9	306.0	281.4
45°	581.4	558.1	534.2	509.0	481.9	454.4	425.7	396.2	366.2	337.7	308.9
42.5°	642.1	615.9	588.1	560.5	530.9	500.0	468.0	435.6	402.6	369.7	338.2
40°	702.5	674.2	643.9	612.2	580.0	546.0	511.0	474.8	439.1	403.0	367.2
37.5°	764.2	733.6	700.9	666.1	629.9	592.2	553.7	514.6	475.1	436.3	397.5
35°	827.6	794.1	757.9	719.9	680.1	638.9	596.6	553.8	511.3	469.3	427.3
32.5°	890.4	854.1	815.1	773.5	729.7	684.8	639.3	593.2	546.6	501.7	457.0
30°	953.7	913.6	871.3	826.3	778.8	730.0	680.7	631.8	582.2	532.8	485.5
27.5°	1015.7	971.9	926.0	877.4	826.7	774.2	721.3	669.0	616.2	563.6	512.7
25°	1076.1	1028.8	978.1	926.2	872.4	816.6	759.6	704.3	649.2	593.0	537.0
22.5°	1134.2	1082.4	1027.8	972.2	915.7	857.0	796.3	736.7	679.6	619.2	560.8
20°	1187.8	1132.2	1073.9	1015.4	955.5	895.5	830.4	767.0	705.6	643.7	582.4
17.5°	1235.3	1178.8	1117.7	1056.0	992.3	929.1	862.4	794.7	729.5	665.4	601.3
15°	1277.2	1220.8	1158.9	1093.8	1025.8	956.7	889.4	819.1	751.4	684.5	618.9
12.5°	1315.3	1256.2	1194.4	1125.6	1053.4	981.3	911.3	840.5	770.8	702.1	634.6
10°	1349.5	1285.2	1219.8	1150.1	1076.4	1002.1	929.9	858.5	787.3	717.1	647.7
7.5°	1372.9	1306.7	1239.1	1169.6	1095.9	1020.3	946.0	872.9	800.2	729.1	657.8
5°	1390.2	1323.7	1255.9	1185.4	1111.0	1034.0	957.9	883.4	809.4	737.9	665.1
2.5°	1403.4	1335.3	1267.3	1195.3	1120.8	1043.2	966.4	891.3	816.7	744.3	671.4
0°	1412.8	1339.6	1273.9	1203.2	1126.9	1048.8	971.9	896.2	821.2	747.3	674.8
-2.5°	1403.4	1335.3	1267.3	1195.3	1120.8	1043.2	966.4	891.3	816.7	744.3	671.4
-5°	1390.2	1323.7	1255.9	1185.4	1111.0	1034.0	957.9	883.4	809.4	737.9	665.1
-7.5°	1372.9	1306.7	1239.1	1169.6	1095.9	1020.3	946.0	872.9	800.2	729.1	657.8
-10°	1349.5	1285.2	1219.8	1150.1	1076.4	1002.1	929.9	858.5	787.3	717.1	647.7
-12.5°	1315.3	1256.2	1194.4	1125.6	1053.4	981.3	911.3	840.5	770.8	702.1	634.6
-15°	1277.2	1220.8	1158.9	1093.8	1025.8	956.7	889.4	819.1	751.4	684.5	618.9
-17.5°	1235.3	1178.8	1117.7	1056.0	992.3	929.1	862.4	794.7	729.5	665.4	601.3
-20°	1187.8	1132.2	1073.9	1015.4	955.5	895.5	830.4	767.0	705.6	643.7	582.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1134.2	1082.4	1027.8	972.2	915.7	857.0	796.3	736.7	679.6	619.2	560.8
-25°	1076.1	1028.8	978.1	926.2	872.4	816.6	759.6	704.3	649.2	593.0	537.0
-27.5°	1015.7	971.9	926.0	877.4	826.7	774.2	721.3	669.0	616.2	563.6	512.7
-30°	953.7	913.6	871.3	826.3	778.8	730.0	680.7	631.8	582.2	532.8	485.5
-32.5°	890.4	854.1	815.1	773.5	729.7	684.8	639.3	593.2	546.6	501.7	457.0
-35°	827.6	794.1	757.9	719.9	680.1	638.9	596.6	553.8	511.3	469.3	427.3
-37.5°	764.2	733.6	700.9	666.1	629.9	592.2	553.7	514.6	475.1	436.3	397.5
-40°	702.5	674.2	643.9	612.2	580.0	546.0	511.0	474.8	439.1	403.0	367.2
-42.5°	642.1	615.9	588.1	560.5	530.9	500.0	468.0	435.6	402.6	369.7	338.2
-45°	581.4	558.1	534.2	509.0	481.9	454.4	425.7	396.2	366.2	337.7	308.9
-47.5°	521.1	502.3	480.9	458.1	434.3	409.4	383.8	356.9	331.9	306.0	281.4
-50°	466.4	448.9	429.7	409.0	388.3	365.9	343.4	321.1	298.5	276.2	254.5
-52.5°	412.3	397.1	380.4	362.5	343.8	324.5	304.9	286.3	266.4	248.2	230.1
-55°	360.0	347.3	332.9	317.0	300.6	285.8	269.6	253.4	238.2	222.1	207.1
-57.5°	310.8	300.0	288.6	276.3	263.3	250.5	237.6	224.2	211.5	198.3	184.7
-60°	266.5	257.7	248.9	239.3	228.8	217.9	207.9	197.3	186.1	175.2	163.2
-62.5°	226.5	220.6	213.0	205.2	197.3	189.1	180.3	171.6	162.7	153.1	142.1
-65°	188.7	184.1	178.5	173.1	167.3	160.9	153.7	146.6	139.2	131.1	121.3
-67.5°	154.4	151.2	147.3	143.1	139.0	134.1	128.5	122.3	116.3	109.5	101.8
-70°	125.3	123.3	120.5	117.1	113.7	110.2	106.0	101.0	95.1	89.0	83.4
-72.5°	101.9	100.6	98.7	96.2	93.2	90.0	86.1	81.6	76.5	71.0	66.0
-75°	82.5	82.0	80.8	78.2	75.2	71.6	67.8	63.7	58.9	53.3	48.6
-77.5°	65.4	65.5	65.0	62.2	59.2	55.8	52.0	47.3	42.6	37.8	34.2
-80°	48.1	48.4	48.0	45.2	42.4	39.6	36.5	32.6	28.7	24.9	22.1
-82.5°	29.8	29.7	29.2	27.6	25.9	24.2	22.4	19.7	17.1	14.5	12.3
-85°	14.2	13.6	13.1	12.4	11.8	11.1	10.4	9.1	7.9	6.8	5.8
-87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8
-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: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.8	1.8	1.8	1.6	1.4	1.2	1.1	1.0	0.9	0.8
85°	5.9	5.7	5.4	4.9	3.9	2.8	2.4	2.1	1.9	1.7	1.5
82.5°	12.2	12.3	12.4	12.0	10.6	9.1	7.6	5.9	4.4	2.8	2.2
80°	22.1	21.9	21.4	20.4	18.0	15.4	13.4	11.4	9.4	7.3	5.2
77.5°	33.5	32.5	31.4	30.0	27.6	24.7	21.3	17.6	14.4	11.8	9.1
75°	46.1	44.6	43.0	40.8	37.6	34.0	30.3	25.9	21.0	16.4	13.1
72.5°	61.9	58.3	55.0	51.9	48.5	44.4	39.8	34.1	28.2	22.6	17.3
70°	78.0	72.5	67.5	63.3	59.2	55.0	49.9	42.9	35.2	28.6	22.5
67.5°	94.3	87.8	81.2	74.9	69.7	64.7	59.8	51.7	42.9	34.6	27.5
65°	112.3	103.6	95.2	87.4	80.4	74.1	68.3	59.9	50.3	40.9	32.3
62.5°	130.9	119.8	109.9	99.9	91.1	83.5	76.6	67.2	57.3	47.1	37.4
60°	150.4	137.8	124.6	113.0	102.2	92.6	84.1	74.4	64.0	53.0	42.4
57.5°	170.9	156.1	141.3	126.6	113.6	102.2	91.5	81.3	70.5	58.9	47.1
55°	191.7	175.7	158.2	141.7	125.8	112.1	99.3	87.9	76.8	64.6	51.2
52.5°	212.6	195.0	176.2	157.1	139.3	122.2	107.9	94.3	82.6	70.2	55.4
50°	234.4	214.2	194.0	173.4	152.7	134.0	116.2	101.7	88.2	75.6	59.4
47.5°	257.0	234.6	212.2	189.6	167.4	145.3	125.8	108.9	93.6	80.4	63.1
45°	281.9	255.6	230.8	206.4	181.3	157.5	135.6	115.8	99.8	84.2	66.5
42.5°	306.8	277.8	250.1	223.0	195.9	169.6	144.9	123.9	105.7	87.8	69.7
40°	333.2	300.1	269.4	239.9	210.1	181.1	155.2	131.8	111.2	91.5	72.7
37.5°	358.9	323.0	289.2	256.1	224.0	193.5	165.0	139.2	116.5	95.7	75.5
35°	386.1	346.0	307.5	272.4	238.3	205.3	174.3	146.7	122.5	99.8	78.2
32.5°	412.3	368.4	327.2	288.5	252.0	216.4	183.8	154.6	128.3	103.8	80.7
30°	438.1	390.9	346.0	303.8	265.3	228.1	193.3	162.0	133.8	107.6	83.1
27.5°	461.9	411.8	364.1	319.5	278.3	239.2	202.3	168.9	139.1	111.6	86.1
25°	484.1	431.8	381.9	334.6	290.4	249.7	210.6	175.2	144.4	115.7	88.8
22.5°	504.9	450.5	398.0	348.6	301.6	259.3	218.7	182.0	149.5	119.5	91.2
20°	523.8	467.3	412.4	361.2	312.5	268.5	226.5	188.0	154.0	122.9	93.4
17.5°	540.8	482.7	426.2	373.0	322.7	276.7	233.4	193.3	158.0	126.0	95.4
15°	556.7	496.6	438.4	383.3	331.5	283.8	239.4	198.0	161.4	128.6	97.3
12.5°	570.3	508.6	448.8	392.1	338.9	289.8	244.5	201.8	164.2	131.0	99.0
10°	581.4	518.4	457.2	399.2	344.9	294.6	248.7	205.1	166.9	133.1	100.4
7.5°	590.2	526.2	463.7	404.7	349.6	298.7	252.2	207.9	169.0	134.7	101.3
5°	596.8	532.3	469.4	409.4	354.0	302.0	254.7	209.9	170.5	135.8	101.9
2.5°	602.6	536.8	473.8	412.4	357.0	304.1	256.3	211.1	171.5	136.4	102.0
0°	605.9	539.0	476.3	413.7	358.5	305.1	256.8	211.5	171.8	136.4	101.7
-2.5°	602.6	536.8	473.8	412.4	357.0	304.1	256.3	211.1	171.5	136.4	102.0
-5°	596.8	532.3	469.4	409.4	354.0	302.0	254.7	209.9	170.5	135.8	101.9
-7.5°	590.2	526.2	463.7	404.7	349.6	298.7	252.2	207.9	169.0	134.7	101.3
-10°	581.4	518.4	457.2	399.2	344.9	294.6	248.7	205.1	166.9	133.1	100.4
-12.5°	570.3	508.6	448.8	392.1	338.9	289.8	244.5	201.8	164.2	131.0	99.0
-15°	556.7	496.6	438.4	383.3	331.5	283.8	239.4	198.0	161.4	128.6	97.3
-17.5°	540.8	482.7	426.2	373.0	322.7	276.7	233.4	193.3	158.0	126.0	95.4
-20°	523.8	467.3	412.4	361.2	312.5	268.5	226.5	188.0	154.0	122.9	93.4



REPORT NUMBER: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	504.9	450.5	398.0	348.6	301.6	259.3	218.7	182.0	149.5	119.5	91.2
-25°	484.1	431.8	381.9	334.6	290.4	249.7	210.6	175.2	144.4	115.7	88.8
-27.5°	461.9	411.8	364.1	319.5	278.3	239.2	202.3	168.9	139.1	111.6	86.1
-30°	438.1	390.9	346.0	303.8	265.3	228.1	193.3	162.0	133.8	107.6	83.1
-32.5°	412.3	368.4	327.2	288.5	252.0	216.4	183.8	154.6	128.3	103.8	80.7
-35°	386.1	346.0	307.5	272.4	238.3	205.3	174.3	146.7	122.5	99.8	78.2
-37.5°	358.9	323.0	289.2	256.1	224.0	193.5	165.0	139.2	116.5	95.7	75.5
-40°	333.2	300.1	269.4	239.9	210.1	181.1	155.2	131.8	111.2	91.5	72.7
-42.5°	306.8	277.8	250.1	223.0	195.9	169.6	144.9	123.9	105.7	87.8	69.7
-45°	281.9	255.6	230.8	206.4	181.3	157.5	135.6	115.8	99.8	84.2	66.5
-47.5°	257.0	234.6	212.2	189.6	167.4	145.3	125.8	108.9	93.6	80.4	63.1
-50°	234.4	214.2	194.0	173.4	152.7	134.0	116.2	101.7	88.2	75.6	59.4
-52.5°	212.6	195.0	176.2	157.1	139.3	122.2	107.9	94.3	82.6	70.2	55.4
-55°	191.7	175.7	158.2	141.7	125.8	112.1	99.3	87.9	76.8	64.6	51.2
-57.5°	170.9	156.1	141.3	126.6	113.6	102.2	91.5	81.3	70.5	58.9	47.1
-60°	150.4	137.8	124.6	113.0	102.2	92.6	84.1	74.4	64.0	53.0	42.4
-62.5°	130.9	119.8	109.9	99.9	91.1	83.5	76.6	67.2	57.3	47.1	37.4
-65°	112.3	103.6	95.2	87.4	80.4	74.1	68.3	59.9	50.3	40.9	32.3
-67.5°	94.3	87.8	81.2	74.9	69.7	64.7	59.8	51.7	42.9	34.6	27.5
-70°	78.0	72.5	67.5	63.3	59.2	55.0	49.9	42.9	35.2	28.6	22.5
-72.5°	61.9	58.3	55.0	51.9	48.5	44.4	39.8	34.1	28.2	22.6	17.3
-75°	46.1	44.6	43.0	40.8	37.6	34.0	30.3	25.9	21.0	16.4	13.1
-77.5°	33.5	32.5	31.4	30.0	27.6	24.7	21.3	17.6	14.4	11.8	9.1
-80°	22.1	21.9	21.4	20.4	18.0	15.4	13.4	11.4	9.4	7.3	5.2
-82.5°	12.2	12.3	12.4	12.0	10.6	9.1	7.6	5.9	4.4	2.8	2.2
-85°	5.9	5.7	5.4	4.9	3.9	2.8	2.4	2.1	1.9	1.7	1.5
-87.5°	1.8	1.8	1.8	1.8	1.6	1.4	1.2	1.1	1.0	0.9	0.8
-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: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
80°	2.9	2.2	1.7	1.3	0.9	0.4	0.0
77.5°	6.3	3.4	2.2	1.6	1.1	0.5	0.0
75°	9.6	5.8	2.8	1.9	1.3	0.6	0.0
72.5°	12.8	8.2	4.5	2.2	1.5	0.7	0.0
70°	16.0	10.5	6.0	2.7	1.7	0.7	0.0
67.5°	19.9	12.6	7.6	3.7	1.9	0.8	0.0
65°	23.6	15.1	9.0	4.6	2.1	0.9	0.0
62.5°	27.1	17.8	10.4	5.5	2.2	1.0	0.0
60°	30.4	20.3	11.7	6.4	2.4	1.1	0.0
57.5°	33.9	22.7	13.5	7.2	2.9	1.2	0.0
55°	37.2	25.0	15.1	7.9	3.4	1.2	0.0
52.5°	40.3	27.1	16.7	8.6	3.8	1.3	0.0
50°	43.1	29.3	18.1	9.3	4.3	1.4	0.0
47.5°	45.7	31.4	19.4	9.9	4.7	1.4	0.0
45°	48.6	33.2	20.5	10.8	5.1	1.5	0.0
42.5°	51.3	34.9	21.6	11.6	5.4	1.6	0.0
40°	53.7	36.3	22.6	12.4	5.8	1.6	0.0
37.5°	55.9	37.6	23.7	13.1	6.1	1.7	0.0
35°	57.8	39.0	24.5	13.9	6.4	1.7	0.0
32.5°	59.6	40.4	25.3	14.6	6.7	1.7	0.0
30°	61.4	41.6	25.9	15.2	7.0	1.8	0.0
27.5°	63.1	42.6	26.8	15.7	7.2	1.8	0.0
25°	64.5	43.4	27.6	16.2	7.4	1.8	0.0
22.5°	65.8	44.2	28.4	16.7	7.6	1.9	0.0
20°	66.8	45.3	29.0	17.1	7.7	1.9	0.0
17.5°	68.1	46.2	29.5	17.4	7.9	1.9	0.0
15°	69.4	46.9	29.9	17.7	8.0	1.9	0.0
12.5°	70.5	47.4	30.3	17.9	8.1	1.9	0.0
10°	71.3	47.7	30.5	18.0	8.1	1.9	0.0
7.5°	71.9	47.8	30.6	18.1	8.1	1.9	0.0
5°	72.2	47.7	30.6	18.1	8.2	1.9	0.0
2.5°	72.2	47.5	30.6	18.1	8.1	1.9	0.0
0°	71.9	47.1	30.4	18.0	8.1	1.9	0.0
-2.5°	72.2	47.5	30.6	18.1	8.1	1.9	0.0
-5°	72.2	47.7	30.6	18.1	8.2	1.9	0.0
-7.5°	71.9	47.8	30.6	18.1	8.1	1.9	0.0
-10°	71.3	47.7	30.5	18.0	8.1	1.9	0.0
-12.5°	70.5	47.4	30.3	17.9	8.1	1.9	0.0
-15°	69.4	46.9	29.9	17.7	8.0	1.9	0.0
-17.5°	68.1	46.2	29.5	17.4	7.9	1.9	0.0
-20°	66.8	45.3	29.0	17.1	7.7	1.9	0.0

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REPORT NUMBER: P626581 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	65.8	44.2	28.4	16.7	7.6	1.9	0.0
-25°	64.5	43.4	27.6	16.2	7.4	1.8	0.0
-27.5°	63.1	42.6	26.8	15.7	7.2	1.8	0.0
-30°	61.4	41.6	25.9	15.2	7.0	1.8	0.0
-32.5°	59.6	40.4	25.3	14.6	6.7	1.7	0.0
-35°	57.8	39.0	24.5	13.9	6.4	1.7	0.0
-37.5°	55.9	37.6	23.7	13.1	6.1	1.7	0.0
-40°	53.7	36.3	22.6	12.4	5.8	1.6	0.0
-42.5°	51.3	34.9	21.6	11.6	5.4	1.6	0.0
-45°	48.6	33.2	20.5	10.8	5.1	1.5	0.0
-47.5°	45.7	31.4	19.4	9.9	4.7	1.4	0.0
-50°	43.1	29.3	18.1	9.3	4.3	1.4	0.0
-52.5°	40.3	27.1	16.7	8.6	3.8	1.3	0.0
-55°	37.2	25.0	15.1	7.9	3.4	1.2	0.0
-57.5°	33.9	22.7	13.5	7.2	2.9	1.2	0.0
-60°	30.4	20.3	11.7	6.4	2.4	1.1	0.0
-62.5°	27.1	17.8	10.4	5.5	2.2	1.0	0.0
-65°	23.6	15.1	9.0	4.6	2.1	0.9	0.0
-67.5°	19.9	12.6	7.6	3.7	1.9	0.8	0.0
-70°	16.0	10.5	6.0	2.7	1.7	0.7	0.0
-72.5°	12.8	8.2	4.5	2.2	1.5	0.7	0.0
-75°	9.6	5.8	2.8	1.9	1.3	0.6	0.0
-77.5°	6.3	3.4	2.2	1.6	1.1	0.5	0.0
-80°	2.9	2.2	1.7	1.3	0.9	0.4	0.0
-82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)