

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: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-735-U-VWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

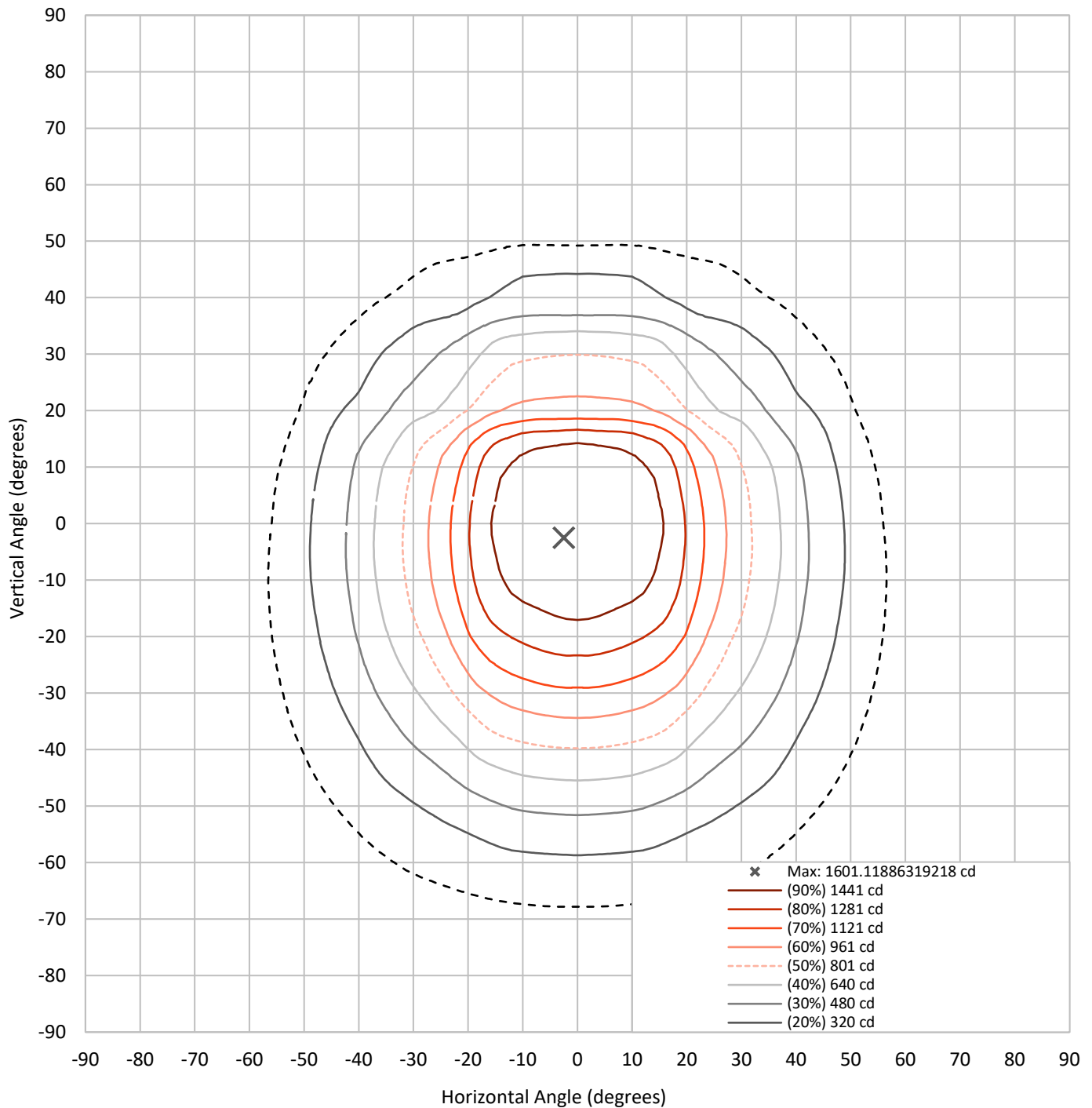
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	2136.7 lumens	Max Intensity:	1601.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	118.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	1236.2 lumens	Field Lumens:	2027.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
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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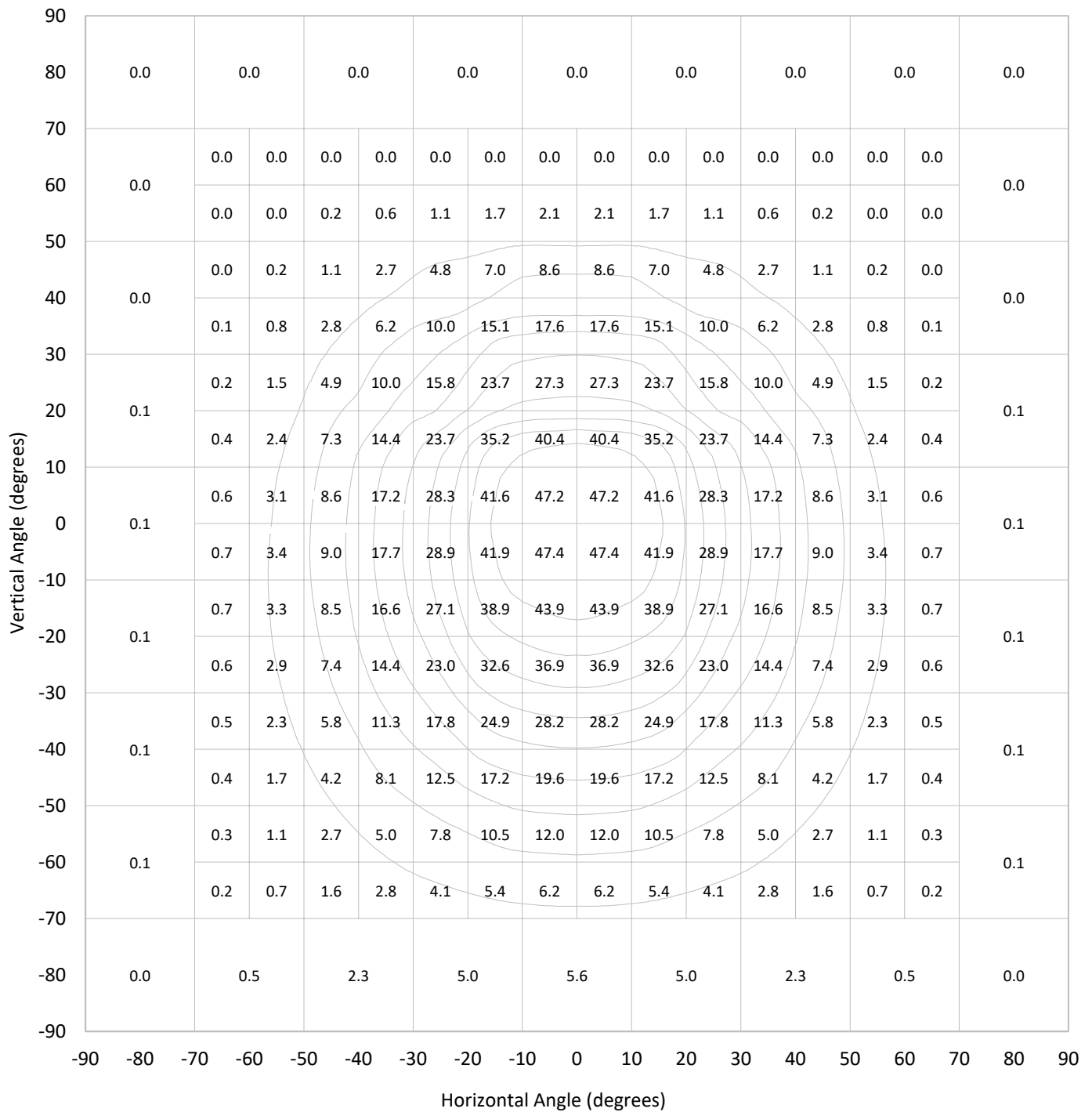
Iso-Candela Plot





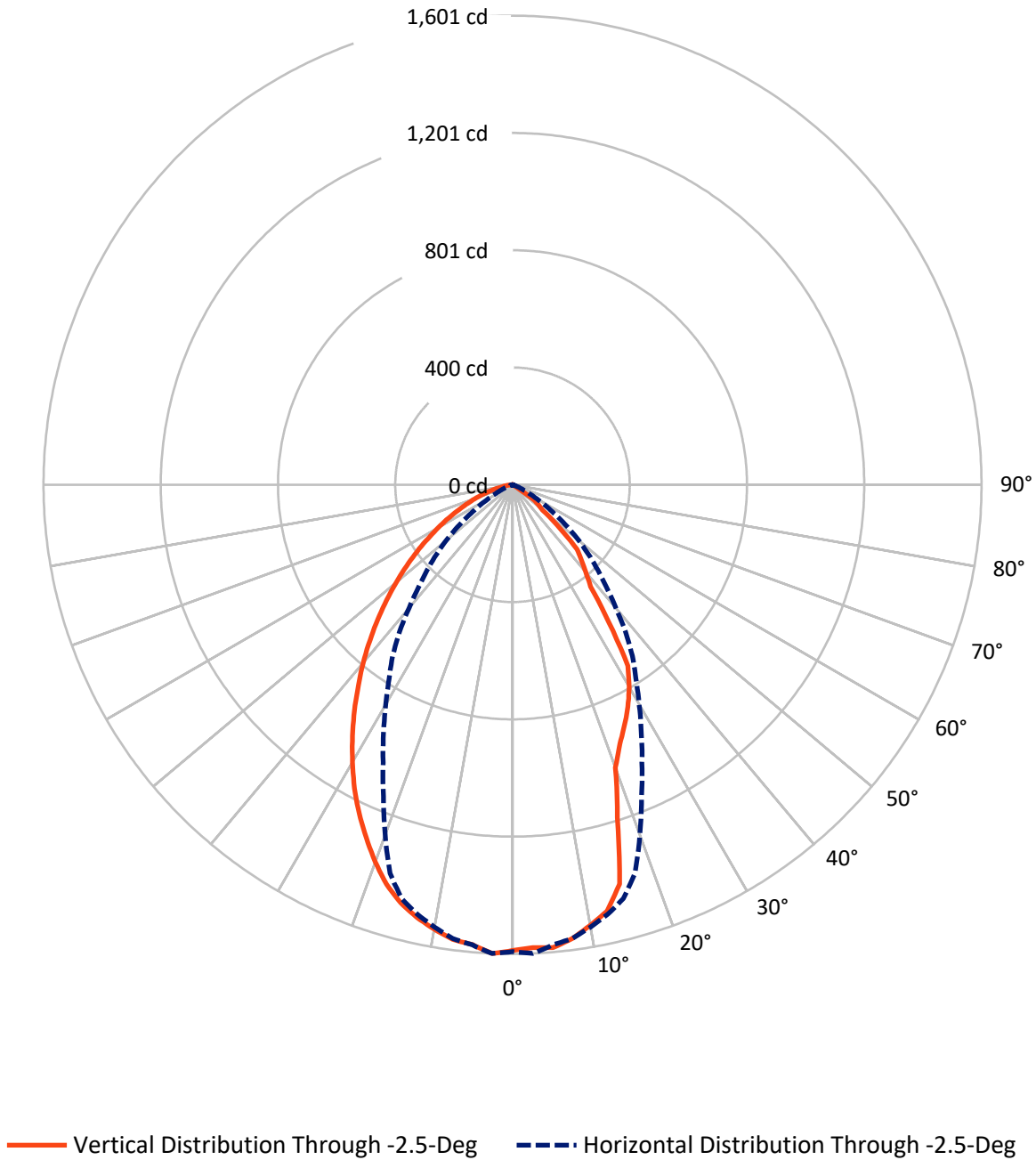
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Lumen Table



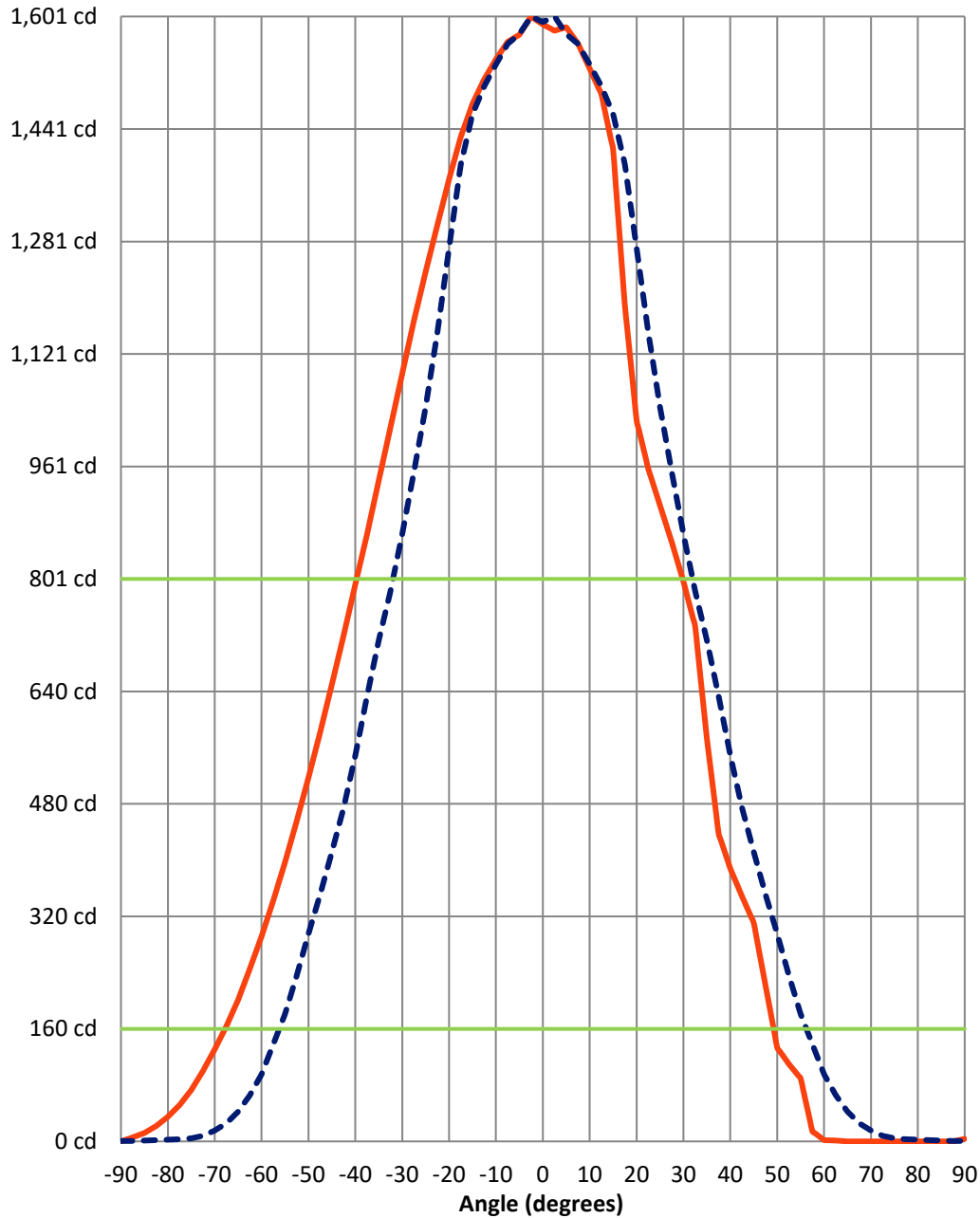
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 1236.2
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 2027.6
 Efficiency: 94.9%

Spill:
 Lumens: 109.1
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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°	0.6	0.6	0.6	0.7	0.9	1.1	1.2	1.4	1.5	1.7	1.8
87.5°	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0
85°	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0
82.5°	0.6	0.6	0.6	0.5	0.4	0.3	0.1	0.0	0.0	0.1	0.2
80°	0.6	0.6	0.6	0.5	0.4	0.2	0.0	0.1	0.2	0.3	0.4
77.5°	0.6	0.6	0.6	0.5	0.4	0.2	0.2	0.3	0.4	0.5	0.5
75°	0.6	0.6	0.6	0.5	0.3	0.3	0.3	0.5	0.6	0.5	0.3
72.5°	0.6	0.6	0.6	0.5	0.4	0.4	0.5	0.6	0.5	0.3	0.1
70°	0.6	0.6	0.6	0.5	0.4	0.5	0.6	0.6	0.4	0.2	0.3
67.5°	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.4	0.5	0.5
65°	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.5	0.6	0.7	0.7
62.5°	0.6	0.6	0.6	0.5	0.6	0.7	0.7	0.7	0.8	0.9	0.8
60°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.9	1.0	1.0	0.9
57.5°	0.6	0.6	0.6	0.6	0.7	0.8	0.9	1.0	1.2	1.2	1.2
55°	0.6	0.6	0.6	0.6	0.7	0.8	1.0	1.2	1.4	1.4	1.5
52.5°	0.6	0.6	0.6	0.6	0.8	0.9	1.2	1.4	1.6	1.7	1.7
50°	0.6	0.6	0.6	0.6	0.8	1.0	1.3	1.6	1.8	1.9	2.0
47.5°	0.6	0.6	0.7	0.6	0.9	1.2	1.4	1.7	2.0	2.2	2.3
45°	0.6	0.6	0.7	0.7	1.0	1.3	1.6	1.9	2.2	2.4	2.6
42.5°	0.6	0.6	0.7	0.7	1.1	1.4	1.7	2.1	2.4	2.7	3.1
40°	0.6	0.6	0.7	0.8	1.1	1.5	1.9	2.3	2.7	2.9	3.7
37.5°	0.6	0.6	0.7	0.9	1.2	1.6	2.0	2.5	2.9	3.3	4.4
35°	0.6	0.6	0.8	1.0	1.3	1.7	2.1	2.7	3.2	4.1	5.5
32.5°	0.6	0.6	0.8	1.0	1.4	1.8	2.3	2.9	3.5	4.9	7.9
30°	0.6	0.6	0.8	1.1	1.5	1.9	2.4	3.2	3.7	6.0	10.2
27.5°	0.6	0.6	0.8	1.2	1.6	2.0	2.6	3.4	4.2	7.1	12.4
25°	0.6	0.6	0.9	1.2	1.7	2.1	2.8	3.6	5.1	8.7	14.6
22.5°	0.6	0.6	0.9	1.3	1.8	2.2	3.0	3.9	6.0	10.5	17.5
20°	0.6	0.6	0.9	1.4	1.8	2.3	3.1	4.1	7.0	12.2	20.3
17.5°	0.6	0.6	1.0	1.4	1.9	2.4	3.3	4.3	7.9	13.8	23.1
15°	0.6	0.6	1.0	1.5	2.0	2.5	3.5	4.6	8.9	15.3	25.9
12.5°	0.6	0.6	1.0	1.6	2.1	2.6	3.6	5.1	10.0	16.7	28.5
10°	0.6	0.6	1.1	1.6	2.2	2.7	3.8	5.5	11.1	18.3	31.1
7.5°	0.6	0.6	1.1	1.7	2.2	2.8	3.9	5.9	12.2	19.9	33.9
5°	0.6	0.6	1.1	1.7	2.3	2.9	4.0	6.4	13.2	21.4	36.4
2.5°	0.6	0.6	1.2	1.8	2.3	2.9	4.1	6.8	14.1	22.7	38.6
0°	0.6	0.6	1.2	1.8	2.4	3.0	4.2	7.2	14.9	23.9	40.6
-2.5°	0.6	0.6	1.2	1.8	2.4	3.0	4.2	7.2	14.9	23.9	40.6
-5°	0.6	0.6	1.2	1.8	2.5	3.1	4.6	8.6	16.0	27.5	43.9
-7.5°	0.6	0.6	1.2	1.8	2.5	3.2	4.8	9.2	16.4	28.8	45.0
-10°	0.6	0.6	1.2	1.8	2.6	3.2	5.0	9.7	16.6	29.8	45.9
-12.5°	0.6	0.6	1.2	1.8	2.6	3.3	5.1	10.0	16.8	30.3	46.5
-15°	0.6	0.6	1.2	1.7	2.6	3.3	5.2	10.3	17.2	30.2	46.7
-17.5°	0.6	0.6	1.1	1.7	2.6	3.3	5.2	10.5	17.7	29.9	46.5
-20°	0.6	0.6	1.1	1.7	2.6	3.3	5.3	10.7	18.1	29.4	45.6

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CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.6	0.6	1.1	1.7	2.5	3.4	5.7	10.8	18.2	28.6	44.2
-25°	0.6	0.6	1.1	1.6	2.5	3.6	6.0	10.7	18.2	27.6	42.1
-27.5°	0.6	0.6	1.1	1.6	2.4	3.9	6.2	10.6	17.9	26.7	40.6
-30°	0.6	0.6	1.0	1.6	2.4	4.1	6.3	10.3	17.6	26.3	38.9
-32.5°	0.6	0.6	1.0	1.5	2.5	4.3	6.4	10.3	17.1	25.7	37.0
-35°	0.6	0.6	1.0	1.5	2.5	4.4	6.6	10.3	16.5	24.8	34.9
-37.5°	0.6	0.6	1.0	1.4	2.6	4.5	6.8	10.3	15.8	23.5	33.9
-40°	0.6	0.6	0.9	1.4	2.6	4.6	6.9	10.2	14.8	22.4	32.8
-42.5°	0.6	0.6	0.9	1.3	2.6	4.6	6.9	9.9	14.3	21.4	31.2
-45°	0.6	0.6	0.8	1.4	2.6	4.5	6.9	9.7	13.9	20.3	29.1
-47.5°	0.6	0.6	0.8	1.3	2.6	4.5	6.8	9.6	13.4	18.9	27.5
-50°	0.6	0.6	0.8	1.3	2.5	4.4	6.6	9.4	13.1	18.5	25.6
-52.5°	0.6	0.6	0.7	1.3	2.5	4.2	6.4	9.0	12.7	17.8	23.5
-55°	0.6	0.6	0.7	1.3	2.4	4.1	6.2	8.6	12.3	17.0	22.6
-57.5°	0.6	0.6	0.6	1.2	2.2	3.8	5.9	8.3	11.7	16.2	21.4
-60°	0.6	0.6	0.6	1.2	2.1	3.6	5.6	7.9	11.0	15.2	20.1
-62.5°	0.6	0.6	0.6	1.1	2.0	3.3	5.2	7.3	10.1	14.0	18.5
-65°	0.6	0.6	0.6	1.0	1.8	2.9	4.6	6.6	9.0	12.4	16.7
-67.5°	0.6	0.6	0.6	1.0	1.7	2.6	4.1	5.8	7.7	10.6	14.4
-70°	0.6	0.6	0.6	0.9	1.5	2.4	3.5	5.0	6.6	8.5	11.6
-72.5°	0.6	0.6	0.6	0.8	1.4	2.1	3.1	4.1	5.5	7.1	8.9
-75°	0.6	0.6	0.6	0.8	1.2	1.9	2.7	3.4	4.2	5.6	7.1
-77.5°	0.6	0.6	0.6	0.8	1.1	1.6	2.3	2.9	3.5	4.2	5.2
-80°	0.6	0.6	0.6	0.8	1.1	1.4	1.8	2.3	2.8	3.4	4.0
-82.5°	0.6	0.6	0.6	0.8	1.0	1.3	1.7	1.9	2.1	2.6	3.0
-85°	0.6	0.6	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1	2.3
-87.5°	0.6	0.6	0.6	0.8	1.0	1.1	1.4	1.5	1.7	1.9	2.1
-90°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.3	0.1	0.0



REPORT NUMBER: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.1	2.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.3	0.4	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1
67.5°	0.6	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.3
65°	0.6	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.6	0.5	0.6
62.5°	0.6	0.7	0.8	0.9	1.0	1.0	1.0	0.9	0.7	0.9	1.0
60°	0.9	1.0	1.1	1.2	1.3	1.4	1.3	1.4	1.5	1.8	3.4
57.5°	1.2	1.3	1.4	1.6	1.8	1.8	1.9	2.0	4.8	7.8	8.6
55°	1.5	1.6	1.8	2.1	2.3	2.3	3.3	6.9	10.5	14.5	15.9
52.5°	1.8	2.0	2.4	2.7	3.0	4.6	8.3	13.3	18.4	23.0	29.0
50°	2.1	2.6	3.0	3.5	5.6	9.9	15.4	22.1	29.9	37.3	44.8
47.5°	2.7	3.2	3.9	5.6	11.1	17.1	24.5	35.4	45.0	53.9	64.3
45°	3.3	4.4	5.2	11.0	17.4	25.2	37.8	51.0	59.8	71.7	90.1
42.5°	4.0	6.1	9.9	16.6	24.5	36.9	52.6	63.9	75.5	94.9	114.2
40°	5.7	8.2	14.9	22.9	32.9	51.0	67.1	79.8	95.8	117.3	137.4
37.5°	7.8	12.5	20.0	29.7	46.0	65.9	83.1	101.4	119.7	140.0	177.3
35°	10.1	16.5	26.5	39.5	59.2	82.4	103.0	123.4	144.5	184.4	221.4
32.5°	13.2	20.2	33.3	51.0	73.4	98.9	122.8	146.4	180.2	225.3	262.4
30°	16.4	26.1	41.1	61.6	86.8	114.0	142.8	171.3	216.1	253.4	293.7
27.5°	19.8	32.4	50.2	72.7	99.4	128.3	160.7	201.4	241.4	278.2	322.5
25°	23.3	38.9	58.6	83.2	111.7	143.8	181.0	230.6	261.9	302.6	348.8
22.5°	27.8	45.1	66.9	92.9	123.2	159.6	207.1	256.9	293.7	327.9	373.1
20°	33.1	52.2	75.9	104.9	134.4	175.1	233.1	285.4	328.7	367.9	409.4
17.5°	37.9	58.7	85.6	117.2	150.8	194.9	258.6	316.5	364.1	407.8	459.6
15°	42.5	64.8	95.0	128.8	166.8	217.6	281.4	345.0	399.4	448.6	507.4
12.5°	46.6	70.4	104.2	139.7	181.9	237.2	300.6	362.7	422.4	486.5	553.3
10°	50.3	75.4	112.8	149.8	195.9	253.8	316.4	377.4	437.7	505.5	579.7
7.5°	54.3	80.0	120.6	158.9	208.6	267.5	329.1	389.2	450.0	520.7	596.9
5°	58.0	84.3	126.8	165.5	218.4	278.2	338.6	398.2	459.4	532.0	609.9
2.5°	61.2	87.9	131.8	170.6	225.8	286.1	344.8	405.7	466.3	541.2	619.9
0°	64.0	90.8	135.7	174.5	231.3	291.7	348.4	410.6	470.4	547.5	626.4
-2.5°	65.7	95.6	138.3	181.4	236.1	295.4	351.7	412.0	474.7	549.5	633.7
-5°	67.0	99.5	139.9	186.7	239.2	297.0	352.8	410.9	475.9	549.0	634.8
-7.5°	67.7	102.3	140.6	189.7	240.3	296.0	351.0	408.9	474.0	547.1	630.0
-10°	68.1	103.1	141.7	188.8	238.9	292.8	346.9	404.2	468.6	540.9	621.0
-12.5°	69.2	102.6	141.5	186.8	235.8	288.0	340.9	396.6	459.5	530.5	608.5
-15°	69.5	101.4	139.8	183.8	231.0	281.7	333.1	386.4	448.4	520.3	594.7
-17.5°	68.8	99.5	136.5	180.0	224.5	274.0	323.9	377.1	438.0	508.7	580.3
-20°	67.2	97.1	131.5	175.6	216.9	265.5	314.6	367.3	426.0	492.4	564.1



REPORT NUMBER: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	64.6	94.2	126.1	169.4	210.3	255.6	303.8	354.1	410.9	471.3	542.3
-25°	61.9	90.9	121.8	160.8	202.4	244.2	291.3	337.9	393.2	452.6	515.6
-27.5°	59.3	86.3	117.4	151.5	193.0	231.9	277.2	322.6	373.3	431.5	489.5
-30°	56.0	81.3	112.0	142.5	181.9	220.5	261.4	306.2	351.8	407.0	464.0
-32.5°	53.0	76.1	105.8	135.6	169.9	207.5	244.5	287.1	331.6	378.7	435.1
-35°	51.1	73.1	99.3	127.7	157.7	193.4	228.6	265.6	308.7	352.9	402.4
-37.5°	49.5	69.6	92.4	119.4	147.9	178.7	211.6	245.6	283.3	327.7	374.3
-40°	47.0	65.7	87.3	111.5	136.7	164.7	195.2	226.0	258.7	302.2	348.0
-42.5°	43.7	61.8	82.5	103.0	126.0	151.5	178.7	207.7	239.0	276.8	319.0
-45°	41.2	57.0	77.2	95.5	114.5	137.9	163.4	189.7	219.2	251.7	289.6
-47.5°	38.0	51.7	70.2	87.3	104.1	124.0	147.3	172.2	198.4	227.7	258.7
-50°	34.6	47.2	61.7	78.3	94.3	110.9	130.8	153.8	177.6	203.1	230.8
-52.5°	32.1	42.0	55.2	69.1	84.3	99.3	116.3	136.0	157.2	178.5	203.0
-55°	29.2	38.2	49.1	61.5	74.5	88.4	103.8	121.1	138.4	157.9	177.4
-57.5°	27.2	34.5	44.0	54.8	66.4	78.2	92.8	107.4	123.4	139.6	155.7
-60°	25.6	31.4	39.2	48.7	59.1	70.1	82.1	95.6	109.3	122.5	136.5
-62.5°	23.7	28.8	34.9	42.7	52.0	61.7	72.2	83.7	96.2	107.3	118.2
-65°	21.4	25.8	31.0	37.3	44.7	52.8	61.8	71.5	82.3	91.3	100.2
-67.5°	18.6	22.3	26.8	31.9	38.1	44.4	51.0	59.2	68.0	75.3	82.6
-70°	15.2	18.6	22.3	26.5	31.3	36.7	42.4	48.4	54.4	60.4	67.0
-72.5°	11.7	14.8	17.8	20.8	24.7	29.1	33.8	38.8	44.0	49.2	54.2
-75°	8.9	10.9	13.6	16.3	18.9	21.8	25.0	29.0	33.9	38.8	43.4
-77.5°	6.7	8.4	10.2	12.0	13.7	15.8	18.1	20.6	24.6	29.3	33.9
-80°	4.9	5.9	7.3	8.8	10.0	11.1	12.3	13.6	16.5	20.3	24.2
-82.5°	3.6	4.3	5.1	6.0	6.6	7.1	7.8	8.6	10.8	13.3	15.9
-85°	2.5	2.7	3.1	3.6	3.9	4.3	4.6	5.0	6.2	7.5	8.9
-87.5°	2.1	2.2	2.4	2.5	2.5	2.6	2.6	2.6	3.1	3.5	3.9
-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: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.6	3.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.6	0.6	0.4	0.3	0.1	0.2	0.4	0.4	0.4	0.4	0.3
62.5°	1.0	0.9	0.8	0.9	1.1	1.3	1.2	1.1	1.1	1.0	1.1
60°	3.5	2.4	2.7	3.4	3.2	2.2	3.6	4.1	3.5	2.4	2.3
57.5°	9.0	8.7	9.9	14.5	15.9	14.5	17.3	21.0	20.9	18.0	17.9
55°	19.1	25.6	33.5	34.8	40.2	51.2	59.8	56.0	56.0	58.8	67.9
52.5°	36.3	42.4	44.7	50.8	62.3	70.6	75.9	81.4	87.5	93.7	100.0
50°	53.2	59.1	65.9	72.2	88.1	96.6	95.2	106.6	121.3	130.4	135.1
47.5°	78.0	87.5	101.8	124.2	136.1	144.6	155.2	168.2	185.0	207.8	225.4
45°	107.3	122.1	144.3	168.1	186.5	194.8	207.0	227.1	253.9	280.0	299.0
42.5°	131.2	151.5	176.5	199.3	214.3	228.0	243.8	260.8	291.4	319.3	341.3
40°	162.4	178.2	206.3	227.7	241.2	254.8	279.8	305.2	334.0	359.9	377.9
37.5°	201.9	219.7	248.9	273.2	286.1	291.0	333.5	368.8	392.2	425.3	436.1
35°	244.4	273.7	310.9	342.4	355.1	380.4	424.1	473.4	526.7	546.3	563.0
32.5°	291.8	327.9	378.4	412.3	430.4	468.7	524.1	576.6	646.4	684.2	695.5
30°	335.1	376.6	420.0	452.9	483.8	530.0	580.5	645.3	709.8	758.2	773.2
27.5°	366.9	412.8	454.6	485.4	520.2	570.0	632.9	698.5	761.9	811.3	828.8
25°	397.3	449.2	482.3	518.1	558.9	613.2	683.0	755.9	818.3	860.0	881.5
22.5°	431.8	483.0	518.5	548.8	602.3	664.8	729.5	812.0	878.1	911.4	934.7
20°	467.5	525.4	580.2	608.4	654.7	733.8	806.3	884.1	947.9	982.6	1007.2
17.5°	517.2	591.0	658.2	698.2	747.8	842.4	932.8	1011.5	1100.3	1131.6	1161.7
15°	569.7	655.1	733.8	797.1	861.1	954.9	1071.4	1166.3	1267.6	1312.8	1364.0
12.5°	622.0	702.8	774.1	855.8	946.0	1028.9	1139.8	1258.0	1349.9	1407.6	1442.1
10°	661.1	736.1	804.7	886.6	976.6	1070.5	1180.6	1301.8	1398.0	1447.3	1475.4
7.5°	682.1	754.0	826.4	909.3	999.0	1098.9	1212.4	1332.6	1431.0	1478.7	1506.5
5°	697.8	766.8	841.8	929.0	1019.7	1121.1	1234.4	1353.2	1442.9	1493.6	1528.7
2.5°	707.3	775.0	851.6	941.8	1032.7	1138.3	1257.1	1380.2	1458.7	1499.5	1531.7
0°	710.0	778.2	857.1	948.5	1041.8	1148.1	1265.9	1387.8	1467.3	1506.8	1539.6
-2.5°	713.1	783.3	864.3	952.9	1045.3	1151.4	1271.6	1390.4	1461.9	1501.7	1532.9
-5°	711.0	783.7	864.5	949.3	1042.3	1147.5	1263.0	1374.1	1448.8	1491.9	1523.0
-7.5°	704.6	778.3	858.2	939.7	1031.0	1137.5	1252.3	1359.3	1435.1	1480.5	1514.5
-10°	695.2	766.8	847.3	929.8	1020.0	1121.3	1234.5	1340.8	1413.3	1461.5	1501.1
-12.5°	684.8	754.9	832.5	911.6	1000.9	1101.0	1210.6	1311.2	1383.3	1435.8	1464.2
-15°	669.4	739.5	813.7	890.2	977.2	1074.3	1179.0	1275.6	1346.4	1389.1	1420.4
-17.5°	649.9	718.6	788.9	861.5	943.5	1039.1	1144.5	1239.7	1297.4	1335.6	1366.4
-20°	628.9	692.5	759.2	827.7	907.0	1001.8	1105.2	1188.3	1242.7	1279.4	1308.5



REPORT NUMBER: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	605.0	666.2	727.2	792.8	870.6	957.4	1048.8	1129.1	1187.6	1221.0	1247.8
-25°	577.7	637.3	695.2	758.5	830.0	908.0	993.0	1071.9	1124.3	1159.8	1186.4
-27.5°	548.3	604.3	660.8	717.6	782.0	859.8	938.4	1011.7	1056.4	1092.2	1119.0
-30°	518.9	569.3	621.6	675.4	735.8	805.9	879.5	941.1	988.3	1023.1	1047.9
-32.5°	487.1	534.9	581.3	631.5	688.4	750.1	814.7	873.3	923.7	955.6	976.6
-35°	454.5	500.7	543.2	588.8	639.0	692.3	751.9	809.7	859.4	884.6	905.1
-37.5°	420.5	466.7	506.9	545.0	588.2	637.6	695.7	750.8	793.8	815.5	833.9
-40°	391.0	431.6	467.9	504.3	539.4	583.3	637.5	690.9	725.4	746.5	763.6
-42.5°	362.4	396.6	426.3	459.0	494.1	537.4	581.1	625.9	653.6	677.0	695.1
-45°	329.1	359.6	387.4	414.7	446.7	486.2	525.9	561.8	587.7	610.4	627.9
-47.5°	292.2	321.7	348.7	373.0	402.8	435.7	469.2	499.0	524.6	547.0	562.7
-50°	257.8	284.2	310.5	335.1	360.9	387.6	414.7	440.9	465.2	487.0	500.3
-52.5°	226.9	251.3	274.3	295.9	318.4	340.9	363.4	387.4	409.8	430.4	441.0
-55°	199.0	221.0	241.8	259.9	278.1	295.9	315.2	337.3	358.0	377.0	384.7
-57.5°	174.0	192.8	211.2	226.5	241.3	255.5	272.5	291.2	309.2	325.6	331.8
-60°	151.0	165.9	181.3	194.9	207.8	219.9	234.7	249.8	264.4	276.7	282.1
-62.5°	129.8	142.6	154.2	165.3	176.2	187.2	199.1	211.0	222.8	232.3	237.1
-65°	109.4	119.6	129.0	138.0	146.8	156.0	165.4	174.4	183.2	190.0	194.1
-67.5°	90.3	98.0	105.4	112.5	119.8	127.3	134.6	141.6	148.1	153.4	157.4
-70°	73.3	79.2	85.1	90.9	97.0	102.8	108.3	113.5	118.4	122.2	125.3
-72.5°	59.0	63.9	68.9	74.2	79.2	83.5	87.4	91.3	94.9	97.0	98.6
-75°	47.6	51.7	56.1	60.3	64.5	67.8	70.7	73.5	76.2	76.3	75.8
-77.5°	38.5	42.1	45.5	48.9	52.2	54.2	56.0	57.8	59.7	58.6	56.9
-80°	28.2	31.3	34.2	37.0	39.9	41.1	41.9	42.7	43.3	41.9	40.2
-82.5°	18.7	20.6	22.5	24.4	26.3	27.1	27.7	28.2	28.5	27.3	25.8
-85°	10.4	11.3	12.3	13.2	14.1	14.6	15.1	15.6	16.0	15.2	14.4
-87.5°	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9	5.9	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: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.4	0.4
62.5°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.1
60°	2.1	1.9	1.8	1.8	1.8	1.9	2.1	2.3	2.4	3.5	4.1
57.5°	16.5	14.1	14.5	16.1	14.5	14.1	16.5	17.9	18.0	20.9	21.0
55°	77.4	86.4	89.6	87.9	89.6	86.4	77.4	67.9	58.8	56.0	56.0
52.5°	104.9	108.6	110.1	110.0	110.1	108.6	104.9	100.0	93.7	87.5	81.4
50°	136.6	135.3	133.4	131.5	133.4	135.3	136.6	135.1	130.4	121.3	106.6
47.5°	227.9	224.0	222.3	225.3	222.3	224.0	227.9	225.4	207.8	185.0	168.2
45°	302.9	307.5	311.0	310.8	311.0	307.5	302.9	299.0	280.0	253.9	227.1
42.5°	345.6	348.0	348.7	347.9	348.7	348.0	345.6	341.3	319.3	291.4	260.8
40°	383.6	386.6	388.2	389.7	388.2	386.6	383.6	377.9	359.9	334.0	305.2
37.5°	439.7	440.8	438.4	436.9	438.4	440.8	439.7	436.1	425.3	392.2	368.8
35°	577.1	580.0	573.5	580.3	573.5	580.0	577.1	563.0	546.3	526.7	473.4
32.5°	709.0	722.2	732.9	741.7	732.9	722.2	709.0	695.5	684.2	646.4	576.6
30°	783.7	792.2	796.8	797.9	796.8	792.2	783.7	773.2	758.2	709.8	645.3
27.5°	838.6	847.5	853.0	857.1	853.0	847.5	838.6	828.8	811.3	761.9	698.5
25°	891.4	899.6	905.1	907.3	905.1	899.6	891.4	881.5	860.0	818.3	755.9
22.5°	946.3	952.0	957.3	959.9	957.3	952.0	946.3	934.7	911.4	878.1	812.0
20°	1024.9	1021.8	1026.7	1025.0	1026.7	1021.8	1024.9	1007.2	982.6	947.9	884.1
17.5°	1185.1	1186.8	1190.0	1195.4	1190.0	1186.8	1185.1	1161.7	1131.6	1100.3	1011.5
15°	1386.6	1390.7	1411.3	1429.7	1411.3	1390.7	1386.6	1364.0	1312.8	1267.6	1166.3
12.5°	1474.0	1488.0	1490.2	1495.4	1490.2	1488.0	1474.0	1442.1	1407.6	1349.9	1258.0
10°	1503.2	1527.5	1527.0	1533.1	1527.0	1527.5	1503.2	1475.4	1447.3	1398.0	1301.8
7.5°	1525.3	1551.4	1562.4	1567.1	1562.4	1551.4	1525.3	1506.5	1478.7	1431.0	1332.6
5°	1552.3	1566.7	1585.7	1580.3	1585.7	1566.7	1552.3	1528.7	1493.6	1442.9	1353.2
2.5°	1563.6	1586.1	1581.0	1586.2	1581.0	1586.1	1563.6	1531.7	1499.5	1458.7	1380.2
0°	1571.3	1587.4	1589.8	1595.2	1589.8	1587.4	1571.3	1539.6	1506.8	1467.3	1387.8
-2.5°	1562.0	1576.3	1601.1	1593.4	1601.1	1576.3	1562.0	1532.9	1501.7	1461.9	1390.4
-5°	1553.9	1588.8	1575.3	1592.2	1575.3	1588.8	1553.9	1523.0	1491.9	1448.8	1374.1
-7.5°	1549.7	1556.0	1565.0	1577.9	1565.0	1556.0	1549.7	1514.5	1480.5	1435.1	1359.3
-10°	1517.3	1523.7	1540.2	1549.2	1540.2	1523.7	1517.3	1501.1	1461.5	1413.3	1340.8
-12.5°	1482.1	1494.5	1511.8	1517.5	1511.8	1494.5	1482.1	1464.2	1435.8	1383.3	1311.2
-15°	1441.6	1460.0	1476.9	1480.5	1476.9	1460.0	1441.6	1420.4	1389.1	1346.4	1275.6
-17.5°	1390.0	1412.1	1429.9	1433.8	1429.9	1412.1	1390.0	1366.4	1335.6	1297.4	1239.7
-20°	1333.2	1354.4	1369.5	1374.1	1369.5	1354.4	1333.2	1308.5	1279.4	1242.7	1188.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1272.4	1291.4	1304.2	1302.4	1304.2	1291.4	1272.4	1247.8	1221.0	1187.6	1129.1
-25°	1207.9	1225.6	1237.8	1236.0	1237.8	1225.6	1207.9	1186.4	1159.8	1124.3	1071.9
-27.5°	1139.7	1156.4	1168.1	1168.5	1168.1	1156.4	1139.7	1119.0	1092.2	1056.4	1011.7
-30°	1068.0	1083.2	1092.7	1089.0	1092.7	1083.2	1068.0	1047.9	1023.1	988.3	941.1
-32.5°	994.0	1007.7	1016.4	1019.0	1016.4	1007.7	994.0	976.6	955.6	923.7	873.3
-35°	921.0	933.1	940.6	942.5	940.6	933.1	921.0	905.1	884.6	859.4	809.7
-37.5°	848.5	858.9	864.2	861.9	864.2	858.9	848.5	833.9	815.5	793.8	750.8
-40°	776.9	786.8	792.9	794.3	792.9	786.8	776.9	763.6	746.5	725.4	690.9
-42.5°	706.5	714.8	720.1	722.6	720.1	714.8	706.5	695.1	677.0	653.6	625.9
-45°	638.2	645.6	650.5	653.3	650.5	645.6	638.2	627.9	610.4	587.7	561.8
-47.5°	571.6	578.1	582.4	584.5	582.4	578.1	571.6	562.7	547.0	524.6	499.0
-50°	508.1	513.7	517.7	520.0	517.7	513.7	508.1	500.3	487.0	465.2	440.9
-52.5°	447.8	452.7	456.1	457.8	456.1	452.7	447.8	441.0	430.4	409.8	387.4
-55°	390.2	394.2	397.4	399.3	397.4	394.2	390.2	384.7	377.0	358.0	337.3
-57.5°	336.5	339.8	342.8	344.9	342.8	339.8	336.5	331.8	325.6	309.2	291.2
-60°	286.3	289.3	291.9	293.5	291.9	289.3	286.3	282.1	276.7	264.4	249.8
-62.5°	240.8	243.6	245.9	247.4	245.9	243.6	240.8	237.1	232.3	222.8	211.0
-65°	197.4	199.8	201.6	202.6	201.6	199.8	197.4	194.1	190.0	183.2	174.4
-67.5°	160.8	163.6	164.1	163.8	164.1	163.6	160.8	157.4	153.4	148.1	141.6
-70°	128.0	130.4	131.0	130.9	131.0	130.4	128.0	125.3	122.2	118.4	113.5
-72.5°	100.1	101.4	100.3	98.6	100.3	101.4	100.1	98.6	97.0	94.9	91.3
-75°	75.1	74.3	73.1	71.7	73.1	74.3	75.1	75.8	76.3	76.2	73.5
-77.5°	55.0	53.0	51.7	50.2	51.7	53.0	55.0	56.9	58.6	59.7	57.8
-80°	38.3	36.4	35.0	33.5	35.0	36.4	38.3	40.2	41.9	43.3	42.7
-82.5°	24.3	22.6	21.8	20.9	21.8	22.6	24.3	25.8	27.3	28.5	28.2
-85°	13.5	12.6	12.0	11.4	12.0	12.6	13.5	14.4	15.2	16.0	15.6
-87.5°	6.0	6.0	5.7	5.4	5.7	6.0	6.0	6.0	5.9	5.9	5.7
-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: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1
67.5°	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3
65°	0.4	0.2	0.1	0.3	0.4	0.6	0.6	0.6	0.5	0.6	0.7
62.5°	1.2	1.3	1.1	0.9	0.8	0.9	1.0	1.0	0.9	0.7	0.9
60°	3.6	2.2	3.2	3.4	2.7	2.4	3.5	3.4	1.8	1.5	1.4
57.5°	17.3	14.5	15.9	14.5	9.9	8.7	9.0	8.6	7.8	4.8	2.0
55°	59.8	51.2	40.2	34.8	33.5	25.6	19.1	15.9	14.5	10.5	6.9
52.5°	75.9	70.6	62.3	50.8	44.7	42.4	36.3	29.0	23.0	18.4	13.3
50°	95.2	96.6	88.1	72.2	65.9	59.1	53.2	44.8	37.3	29.9	22.1
47.5°	155.2	144.6	136.1	124.2	101.8	87.5	78.0	64.3	53.9	45.0	35.4
45°	207.0	194.8	186.5	168.1	144.3	122.1	107.3	90.1	71.7	59.8	51.0
42.5°	243.8	228.0	214.3	199.3	176.5	151.5	131.2	114.2	94.9	75.5	63.9
40°	279.8	254.8	241.2	227.7	206.3	178.2	162.4	137.4	117.3	95.8	79.8
37.5°	333.5	291.0	286.1	273.2	248.9	219.7	201.9	177.3	140.0	119.7	101.4
35°	424.1	380.4	355.1	342.4	310.9	273.7	244.4	221.4	184.4	144.5	123.4
32.5°	524.1	468.7	430.4	412.3	378.4	327.9	291.8	262.4	225.3	180.2	146.4
30°	580.5	530.0	483.8	452.9	420.0	376.6	335.1	293.7	253.4	216.1	171.3
27.5°	632.9	570.0	520.2	485.4	454.6	412.8	366.9	322.5	278.2	241.4	201.4
25°	683.0	613.2	558.9	518.1	482.3	449.2	397.3	348.8	302.6	261.9	230.6
22.5°	729.5	664.8	602.3	548.8	518.5	483.0	431.8	373.1	327.9	293.7	256.9
20°	806.3	733.8	654.7	608.4	580.2	525.4	467.5	409.4	367.9	328.7	285.4
17.5°	932.8	842.4	747.8	698.2	658.2	591.0	517.2	459.6	407.8	364.1	316.5
15°	1071.4	954.9	861.1	797.1	733.8	655.1	569.7	507.4	448.6	399.4	345.0
12.5°	1139.8	1028.9	946.0	855.8	774.1	702.8	622.0	553.3	486.5	422.4	362.7
10°	1180.6	1070.5	976.6	886.6	804.7	736.1	661.1	579.7	505.5	437.7	377.4
7.5°	1212.4	1098.9	999.0	909.3	826.4	754.0	682.1	596.9	520.7	450.0	389.2
5°	1234.4	1121.1	1019.7	929.0	841.8	766.8	697.8	609.9	532.0	459.4	398.2
2.5°	1257.1	1138.3	1032.7	941.8	851.6	775.0	707.3	619.9	541.2	466.3	405.7
0°	1265.9	1148.1	1041.8	948.5	857.1	778.2	710.0	626.4	547.5	470.4	410.6
-2.5°	1271.6	1151.4	1045.3	952.9	864.3	783.3	713.1	633.7	549.5	474.7	412.0
-5°	1263.0	1147.5	1042.3	949.3	864.5	783.7	711.0	634.8	549.0	475.9	410.9
-7.5°	1252.3	1137.5	1031.0	939.7	858.2	778.3	704.6	630.0	547.1	474.0	408.9
-10°	1234.5	1121.3	1020.0	929.8	847.3	766.8	695.2	621.0	540.9	468.6	404.2
-12.5°	1210.6	1101.0	1000.9	911.6	832.5	754.9	684.8	608.5	530.5	459.5	396.6
-15°	1179.0	1074.3	977.2	890.2	813.7	739.5	669.4	594.7	520.3	448.4	386.4
-17.5°	1144.5	1039.1	943.5	861.5	788.9	718.6	649.9	580.3	508.7	438.0	377.1
-20°	1105.2	1001.8	907.0	827.7	759.2	692.5	628.9	564.1	492.4	426.0	367.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1048.8	957.4	870.6	792.8	727.2	666.2	605.0	542.3	471.3	410.9	354.1
-25°	993.0	908.0	830.0	758.5	695.2	637.3	577.7	515.6	452.6	393.2	337.9
-27.5°	938.4	859.8	782.0	717.6	660.8	604.3	548.3	489.5	431.5	373.3	322.6
-30°	879.5	805.9	735.8	675.4	621.6	569.3	518.9	464.0	407.0	351.8	306.2
-32.5°	814.7	750.1	688.4	631.5	581.3	534.9	487.1	435.1	378.7	331.6	287.1
-35°	751.9	692.3	639.0	588.8	543.2	500.7	454.5	402.4	352.9	308.7	265.6
-37.5°	695.7	637.6	588.2	545.0	506.9	466.7	420.5	374.3	327.7	283.3	245.6
-40°	637.5	583.3	539.4	504.3	467.9	431.6	391.0	348.0	302.2	258.7	226.0
-42.5°	581.1	537.4	494.1	459.0	426.3	396.6	362.4	319.0	276.8	239.0	207.7
-45°	525.9	486.2	446.7	414.7	387.4	359.6	329.1	289.6	251.7	219.2	189.7
-47.5°	469.2	435.7	402.8	373.0	348.7	321.7	292.2	258.7	227.7	198.4	172.2
-50°	414.7	387.6	360.9	335.1	310.5	284.2	257.8	230.8	203.1	177.6	153.8
-52.5°	363.4	340.9	318.4	295.9	274.3	251.3	226.9	203.0	178.5	157.2	136.0
-55°	315.2	295.9	278.1	259.9	241.8	221.0	199.0	177.4	157.9	138.4	121.1
-57.5°	272.5	255.5	241.3	226.5	211.2	192.8	174.0	155.7	139.6	123.4	107.4
-60°	234.7	219.9	207.8	194.9	181.3	165.9	151.0	136.5	122.5	109.3	95.6
-62.5°	199.1	187.2	176.2	165.3	154.2	142.6	129.8	118.2	107.3	96.2	83.7
-65°	165.4	156.0	146.8	138.0	129.0	119.6	109.4	100.2	91.3	82.3	71.5
-67.5°	134.6	127.3	119.8	112.5	105.4	98.0	90.3	82.6	75.3	68.0	59.2
-70°	108.3	102.8	97.0	90.9	85.1	79.2	73.3	67.0	60.4	54.4	48.4
-72.5°	87.4	83.5	79.2	74.2	68.9	63.9	59.0	54.2	49.2	44.0	38.8
-75°	70.7	67.8	64.5	60.3	56.1	51.7	47.6	43.4	38.8	33.9	29.0
-77.5°	56.0	54.2	52.2	48.9	45.5	42.1	38.5	33.9	29.3	24.6	20.6
-80°	41.9	41.1	39.9	37.0	34.2	31.3	28.2	24.2	20.3	16.5	13.6
-82.5°	27.7	27.1	26.3	24.4	22.5	20.6	18.7	15.9	13.3	10.8	8.6
-85°	15.1	14.6	14.1	13.2	12.3	11.3	10.4	8.9	7.5	6.2	5.0
-87.5°	5.6	5.4	5.2	5.0	4.8	4.6	4.4	3.9	3.5	3.1	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
82.5°	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.3	0.2	0.1
77.5°	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.5	0.4	0.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.6	0.5
72.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.3	0.5	0.6
70°	0.1	0.0	0.0	0.1	0.2	0.4	0.3	0.3	0.2	0.4	0.6
67.5°	0.3	0.3	0.2	0.2	0.3	0.4	0.6	0.5	0.5	0.4	0.6
65°	0.7	0.6	0.6	0.5	0.4	0.4	0.6	0.7	0.7	0.6	0.5
62.5°	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.8	0.9	0.8	0.7
60°	1.3	1.4	1.3	1.2	1.1	1.0	0.9	0.9	1.0	1.0	0.9
57.5°	1.9	1.8	1.8	1.6	1.4	1.3	1.2	1.2	1.2	1.2	1.0
55°	3.3	2.3	2.3	2.1	1.8	1.6	1.5	1.5	1.4	1.4	1.2
52.5°	8.3	4.6	3.0	2.7	2.4	2.0	1.8	1.7	1.7	1.6	1.4
50°	15.4	9.9	5.6	3.5	3.0	2.6	2.1	2.0	1.9	1.8	1.6
47.5°	24.5	17.1	11.1	5.6	3.9	3.2	2.7	2.3	2.2	2.0	1.7
45°	37.8	25.2	17.4	11.0	5.2	4.4	3.3	2.6	2.4	2.2	1.9
42.5°	52.6	36.9	24.5	16.6	9.9	6.1	4.0	3.1	2.7	2.4	2.1
40°	67.1	51.0	32.9	22.9	14.9	8.2	5.7	3.7	2.9	2.7	2.3
37.5°	83.1	65.9	46.0	29.7	20.0	12.5	7.8	4.4	3.3	2.9	2.5
35°	103.0	82.4	59.2	39.5	26.5	16.5	10.1	5.5	4.1	3.2	2.7
32.5°	122.8	98.9	73.4	51.0	33.3	20.2	13.2	7.9	4.9	3.5	2.9
30°	142.8	114.0	86.8	61.6	41.1	26.1	16.4	10.2	6.0	3.7	3.2
27.5°	160.7	128.3	99.4	72.7	50.2	32.4	19.8	12.4	7.1	4.2	3.4
25°	181.0	143.8	111.7	83.2	58.6	38.9	23.3	14.6	8.7	5.1	3.6
22.5°	207.1	159.6	123.2	92.9	66.9	45.1	27.8	17.5	10.5	6.0	3.9
20°	233.1	175.1	134.4	104.9	75.9	52.2	33.1	20.3	12.2	7.0	4.1
17.5°	258.6	194.9	150.8	117.2	85.6	58.7	37.9	23.1	13.8	7.9	4.3
15°	281.4	217.6	166.8	128.8	95.0	64.8	42.5	25.9	15.3	8.9	4.6
12.5°	300.6	237.2	181.9	139.7	104.2	70.4	46.6	28.5	16.7	10.0	5.1
10°	316.4	253.8	195.9	149.8	112.8	75.4	50.3	31.1	18.3	11.1	5.5
7.5°	329.1	267.5	208.6	158.9	120.6	80.0	54.3	33.9	19.9	12.2	5.9
5°	338.6	278.2	218.4	165.5	126.8	84.3	58.0	36.4	21.4	13.2	6.4
2.5°	344.8	286.1	225.8	170.6	131.8	87.9	61.2	38.6	22.7	14.1	6.8
0°	348.4	291.7	231.3	174.5	135.7	90.8	64.0	40.6	23.9	14.9	7.2
-2.5°	351.7	295.4	236.1	181.4	138.3	95.6	65.7	42.4	25.8	15.5	7.9
-5°	352.8	297.0	239.2	186.7	139.9	99.5	67.0	43.9	27.5	16.0	8.6
-7.5°	351.0	296.0	240.3	189.7	140.6	102.3	67.7	45.0	28.8	16.4	9.2
-10°	346.9	292.8	238.9	188.8	141.7	103.1	68.1	45.9	29.8	16.6	9.7
-12.5°	340.9	288.0	235.8	186.8	141.5	102.6	69.2	46.5	30.3	16.8	10.0
-15°	333.1	281.7	231.0	183.8	139.8	101.4	69.5	46.7	30.2	17.2	10.3
-17.5°	323.9	274.0	224.5	180.0	136.5	99.5	68.8	46.5	29.9	17.7	10.5
-20°	314.6	265.5	216.9	175.6	131.5	97.1	67.2	45.6	29.4	18.1	10.7



REPORT NUMBER: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	303.8	255.6	210.3	169.4	126.1	94.2	64.6	44.2	28.6	18.2	10.8
-25°	291.3	244.2	202.4	160.8	121.8	90.9	61.9	42.1	27.6	18.2	10.7
-27.5°	277.2	231.9	193.0	151.5	117.4	86.3	59.3	40.6	26.7	17.9	10.6
-30°	261.4	220.5	181.9	142.5	112.0	81.3	56.0	38.9	26.3	17.6	10.3
-32.5°	244.5	207.5	169.9	135.6	105.8	76.1	53.0	37.0	25.7	17.1	10.3
-35°	228.6	193.4	157.7	127.7	99.3	73.1	51.1	34.9	24.8	16.5	10.3
-37.5°	211.6	178.7	147.9	119.4	92.4	69.6	49.5	33.9	23.5	15.8	10.3
-40°	195.2	164.7	136.7	111.5	87.3	65.7	47.0	32.8	22.4	14.8	10.2
-42.5°	178.7	151.5	126.0	103.0	82.5	61.8	43.7	31.2	21.4	14.3	9.9
-45°	163.4	137.9	114.5	95.5	77.2	57.0	41.2	29.1	20.3	13.9	9.7
-47.5°	147.3	124.0	104.1	87.3	70.2	51.7	38.0	27.5	18.9	13.4	9.6
-50°	130.8	110.9	94.3	78.3	61.7	47.2	34.6	25.6	18.5	13.1	9.4
-52.5°	116.3	99.3	84.3	69.1	55.2	42.0	32.1	23.5	17.8	12.7	9.0
-55°	103.8	88.4	74.5	61.5	49.1	38.2	29.2	22.6	17.0	12.3	8.6
-57.5°	92.8	78.2	66.4	54.8	44.0	34.5	27.2	21.4	16.2	11.7	8.3
-60°	82.1	70.1	59.1	48.7	39.2	31.4	25.6	20.1	15.2	11.0	7.9
-62.5°	72.2	61.7	52.0	42.7	34.9	28.8	23.7	18.5	14.0	10.1	7.3
-65°	61.8	52.8	44.7	37.3	31.0	25.8	21.4	16.7	12.4	9.0	6.6
-67.5°	51.0	44.4	38.1	31.9	26.8	22.3	18.6	14.4	10.6	7.7	5.8
-70°	42.4	36.7	31.3	26.5	22.3	18.6	15.2	11.6	8.5	6.6	5.0
-72.5°	33.8	29.1	24.7	20.8	17.8	14.8	11.7	8.9	7.1	5.5	4.1
-75°	25.0	21.8	18.9	16.3	13.6	10.9	8.9	7.1	5.6	4.2	3.4
-77.5°	18.1	15.8	13.7	12.0	10.2	8.4	6.7	5.2	4.2	3.5	2.9
-80°	12.3	11.1	10.0	8.8	7.3	5.9	4.9	4.0	3.4	2.8	2.3
-82.5°	7.8	7.1	6.6	6.0	5.1	4.3	3.6	3.0	2.6	2.1	1.9
-85°	4.6	4.3	3.9	3.6	3.1	2.7	2.5	2.3	2.1	1.9	1.7
-87.5°	2.6	2.6	2.5	2.5	2.4	2.2	2.1	2.1	1.9	1.7	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4

Classified

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



REPORT NUMBER: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	1.2	1.1	0.9	0.7	0.6	0.6	0.6
87.5°	0.4	0.5	0.5	0.6	0.6	0.6	0.6
85°	0.3	0.4	0.5	0.6	0.6	0.6	0.6
82.5°	0.1	0.3	0.4	0.5	0.6	0.6	0.6
80°	0.0	0.2	0.4	0.5	0.6	0.6	0.6
77.5°	0.2	0.2	0.4	0.5	0.6	0.6	0.6
75°	0.3	0.3	0.3	0.5	0.6	0.6	0.6
72.5°	0.5	0.4	0.4	0.5	0.6	0.6	0.6
70°	0.6	0.5	0.4	0.5	0.6	0.6	0.6
67.5°	0.6	0.6	0.5	0.5	0.6	0.6	0.6
65°	0.6	0.6	0.5	0.5	0.6	0.6	0.6
62.5°	0.7	0.7	0.6	0.5	0.6	0.6	0.6
60°	0.7	0.7	0.6	0.6	0.6	0.6	0.6
57.5°	0.9	0.8	0.7	0.6	0.6	0.6	0.6
55°	1.0	0.8	0.7	0.6	0.6	0.6	0.6
52.5°	1.2	0.9	0.8	0.6	0.6	0.6	0.6
50°	1.3	1.0	0.8	0.6	0.6	0.6	0.6
47.5°	1.4	1.2	0.9	0.6	0.7	0.6	0.6
45°	1.6	1.3	1.0	0.7	0.7	0.6	0.6
42.5°	1.7	1.4	1.1	0.7	0.7	0.6	0.6
40°	1.9	1.5	1.1	0.8	0.7	0.6	0.6
37.5°	2.0	1.6	1.2	0.9	0.7	0.6	0.6
35°	2.1	1.7	1.3	1.0	0.8	0.6	0.6
32.5°	2.3	1.8	1.4	1.0	0.8	0.6	0.6
30°	2.4	1.9	1.5	1.1	0.8	0.6	0.6
27.5°	2.6	2.0	1.6	1.2	0.8	0.6	0.6
25°	2.8	2.1	1.7	1.2	0.9	0.6	0.6
22.5°	3.0	2.2	1.8	1.3	0.9	0.6	0.6
20°	3.1	2.3	1.8	1.4	0.9	0.6	0.6
17.5°	3.3	2.4	1.9	1.4	1.0	0.6	0.6
15°	3.5	2.5	2.0	1.5	1.0	0.6	0.6
12.5°	3.6	2.6	2.1	1.6	1.0	0.6	0.6
10°	3.8	2.7	2.2	1.6	1.1	0.6	0.6
7.5°	3.9	2.8	2.2	1.7	1.1	0.6	0.6
5°	4.0	2.9	2.3	1.7	1.1	0.6	0.6
2.5°	4.1	2.9	2.3	1.8	1.2	0.6	0.6
0°	4.2	3.0	2.4	1.8	1.2	0.6	0.6
-2.5°	4.4	3.1	2.5	1.8	1.2	0.6	0.6
-5°	4.6	3.1	2.5	1.8	1.2	0.6	0.6
-7.5°	4.8	3.2	2.5	1.8	1.2	0.6	0.6
-10°	5.0	3.2	2.6	1.8	1.2	0.6	0.6
-12.5°	5.1	3.3	2.6	1.8	1.2	0.6	0.6
-15°	5.2	3.3	2.6	1.7	1.2	0.6	0.6
-17.5°	5.2	3.3	2.6	1.7	1.1	0.6	0.6
-20°	5.3	3.3	2.6	1.7	1.1	0.6	0.6

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REPORT NUMBER: P626560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5.7	3.4	2.5	1.7	1.1	0.6	0.6
-25°	6.0	3.6	2.5	1.6	1.1	0.6	0.6
-27.5°	6.2	3.9	2.4	1.6	1.1	0.6	0.6
-30°	6.3	4.1	2.4	1.6	1.0	0.6	0.6
-32.5°	6.4	4.3	2.5	1.5	1.0	0.6	0.6
-35°	6.6	4.4	2.5	1.5	1.0	0.6	0.6
-37.5°	6.8	4.5	2.6	1.4	1.0	0.6	0.6
-40°	6.9	4.6	2.6	1.4	0.9	0.6	0.6
-42.5°	6.9	4.6	2.6	1.3	0.9	0.6	0.6
-45°	6.9	4.5	2.6	1.4	0.8	0.6	0.6
-47.5°	6.8	4.5	2.6	1.3	0.8	0.6	0.6
-50°	6.6	4.4	2.5	1.3	0.8	0.6	0.6
-52.5°	6.4	4.2	2.5	1.3	0.7	0.6	0.6
-55°	6.2	4.1	2.4	1.3	0.7	0.6	0.6
-57.5°	5.9	3.8	2.2	1.2	0.6	0.6	0.6
-60°	5.6	3.6	2.1	1.2	0.6	0.6	0.6
-62.5°	5.2	3.3	2.0	1.1	0.6	0.6	0.6
-65°	4.6	2.9	1.8	1.0	0.6	0.6	0.6
-67.5°	4.1	2.6	1.7	1.0	0.6	0.6	0.6
-70°	3.5	2.4	1.5	0.9	0.6	0.6	0.6
-72.5°	3.1	2.1	1.4	0.8	0.6	0.6	0.6
-75°	2.7	1.9	1.2	0.8	0.6	0.6	0.6
-77.5°	2.3	1.6	1.1	0.8	0.6	0.6	0.6
-80°	1.8	1.4	1.1	0.8	0.6	0.6	0.6
-82.5°	1.7	1.3	1.0	0.8	0.6	0.6	0.6
-85°	1.5	1.2	1.0	0.8	0.6	0.6	0.6
-87.5°	1.4	1.1	1.0	0.8	0.6	0.6	0.6
-90°	0.6	0.6	0.6	0.6	0.6	0.6	0.6

(END OF REPORT)