

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: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-730-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N19
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7245.8 lumens
Efficiency: N/A
Efficacy: 109.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 8513.5 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 4809.3 lumens
Beam Efficiency: 66.4%

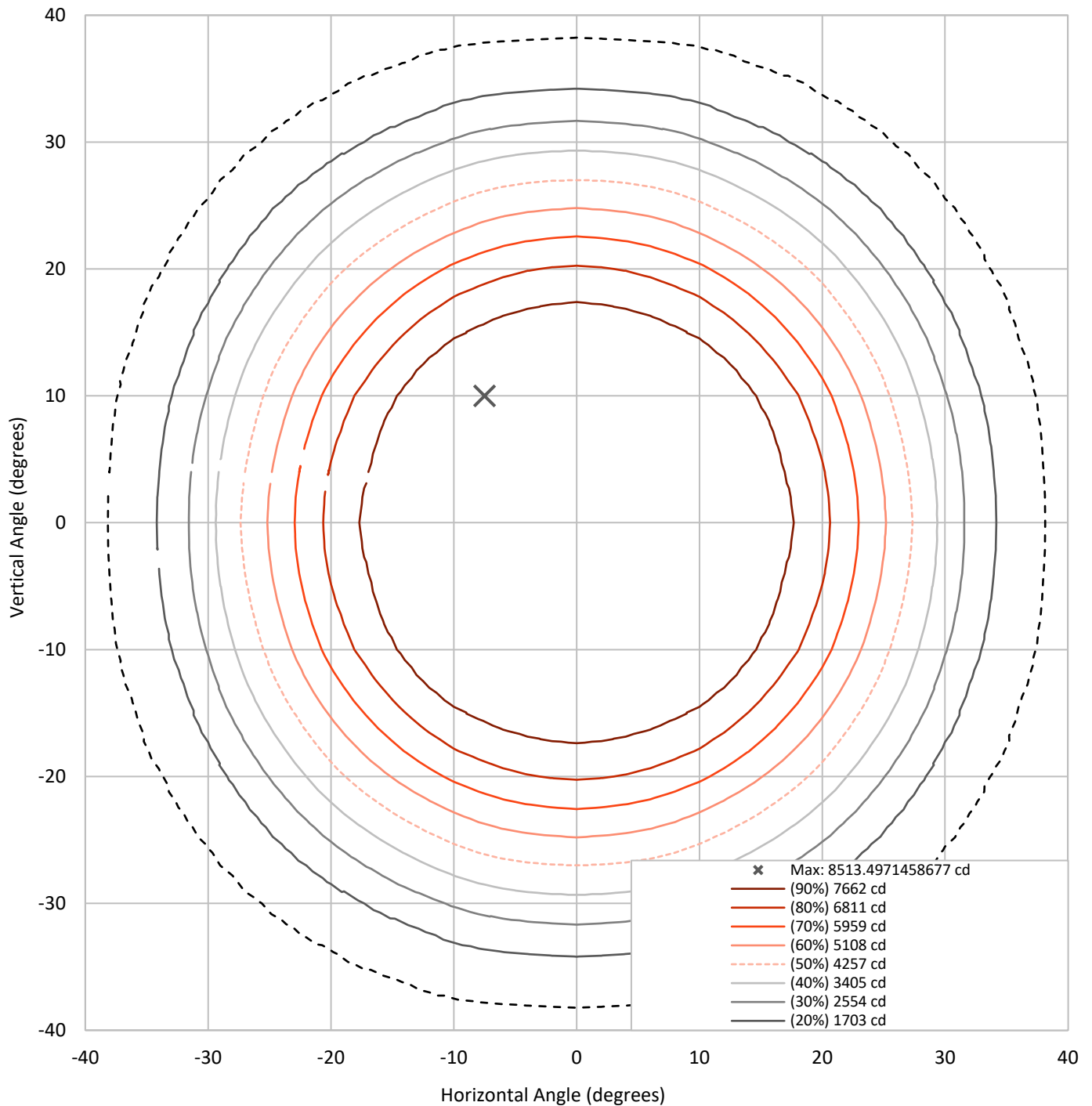
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 6253.5 lumens
Field Efficiency: 86.3%

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



REPORT NUMBER: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-730-U-MWR-XX

Iso-Candela Plot





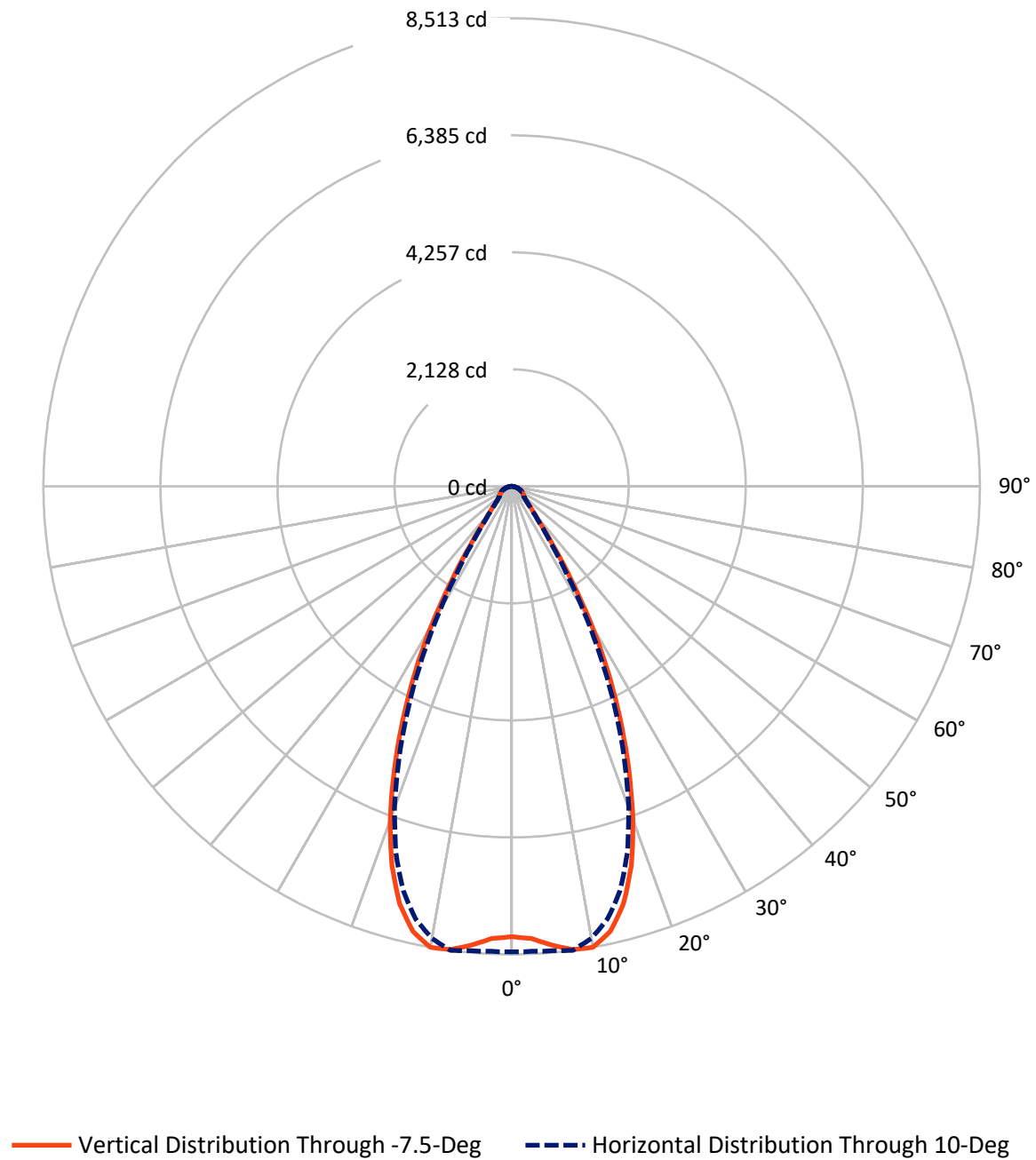
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Lumen Table

90	0.2	1.7	4.5	7.2	8.0	7.2	4.5	1.7	0.2							
80	0.2	1.7	4.5	7.2	8.0	7.2	4.5	1.7	0.2							
70	0.8	0.9	1.8	2.9	4.1	4.9	5.6	5.9	5.9	5.6	4.9	4.1	2.9	1.8	0.9	0.8
60		1.3	2.6	4.2	5.6	6.8	7.6	7.9	7.9	7.6	6.8	5.6	4.2	2.6	1.3	
50	1.4	1.7	3.3	5.1	6.8	8.9	11.1	12.8	12.8	11.1	8.9	6.8	5.1	3.3	1.7	1.4
40		2.0	3.8	5.8	9.0	16.5	31.5	46.7	46.7	31.5	16.5	9.0	5.8	3.8	2.0	
30	1.8	2.2	4.2	6.8	14.8	46.5	104.4	145.7	145.7	104.4	46.5	14.8	6.8	4.2	2.2	1.8
20		2.4	4.4	8.1	26.8	99.2	189.4	237.0	237.0	189.4	99.2	26.8	8.1	4.4	2.4	
10	1.9	2.5	4.5	9.1	38.6	135.7	229.7	250.0	250.0	229.7	135.7	38.6	9.1	4.5	2.5	1.9
0		2.5	4.5	9.1	38.6	135.7	229.7	250.0	250.0	229.7	135.7	38.6	9.1	4.5	2.5	
-10	1.8	2.4	4.4	8.1	26.8	99.2	189.4	237.0	237.0	189.4	99.2	26.8	8.1	4.4	2.4	1.8
-20		2.2	4.2	6.8	14.8	46.5	104.4	145.7	145.7	104.4	46.5	14.8	6.8	4.2	2.2	
-30	1.4	2.0	3.8	5.8	9.0	16.5	31.5	46.7	46.7	31.5	16.5	9.0	5.8	3.8	2.0	1.4
-40		1.7	3.3	5.1	6.8	8.9	11.1	12.8	12.8	11.1	8.9	6.8	5.1	3.3	1.7	
-50	0.8	1.3	2.6	4.2	5.6	6.8	7.6	7.9	7.9	7.6	6.8	5.6	4.2	2.6	1.3	0.8
-60		0.9	1.8	2.9	4.1	4.9	5.6	5.9	5.9	5.6	4.9	4.1	2.9	1.8	0.9	
-70	0.2	1.7	4.5	7.2	8.0	7.2	4.5	1.7	0.2							
-80		0.2	1.7	4.5	7.2	8.0	7.2	4.5	1.7	0.2						
-90	0.2	1.7	4.5	7.2	8.0	7.2	4.5	1.7	0.2							

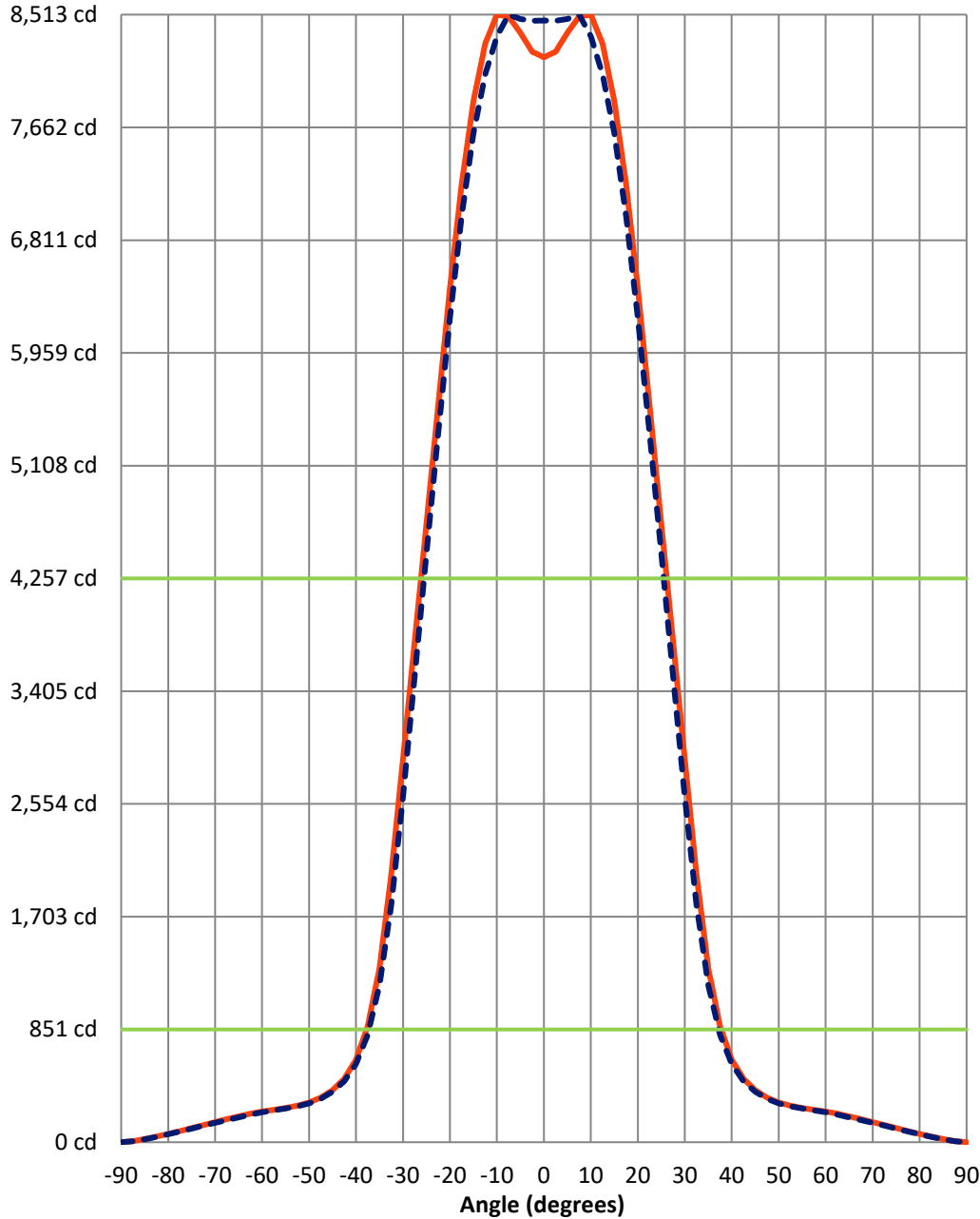
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 4809.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 6253.5
 Efficiency: 86.3%

Spill:
 Lumens: 992.3
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.6	1.0	1.3	1.6	1.9	2.3	2.8	3.3	3.8
85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.7	5.6	6.5	7.5
82.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	7.0	8.5	10.7	12.8
80°	0.0	1.3	2.6	3.8	5.1	6.4	7.9	10.9	13.8	16.5	19.1
77.5°	0.0	1.6	3.2	4.8	6.4	8.6	12.1	15.6	19.1	22.3	25.7
75°	0.0	1.9	3.8	5.7	7.9	12.1	16.2	20.3	24.4	29.1	33.7
72.5°	0.0	2.2	4.4	6.7	10.6	15.5	20.3	25.3	30.8	36.3	41.7
70°	0.0	2.5	5.1	7.8	13.3	18.8	24.4	30.8	37.1	43.4	49.9
67.5°	0.0	2.8	5.7	9.8	16.0	22.2	29.1	36.3	43.4	50.7	58.1
65°	0.0	3.1	6.2	11.7	18.6	25.7	33.6	41.7	49.7	57.8	66.5
62.5°	0.0	3.4	6.8	13.7	21.2	29.3	38.1	47.0	55.8	65.0	75.5
60°	0.0	3.7	7.4	15.5	23.7	32.9	42.4	52.1	61.8	72.8	84.2
57.5°	0.0	4.0	8.6	17.4	26.4	36.4	46.8	57.1	68.2	80.4	92.4
55°	0.0	4.2	9.8	19.2	29.1	39.7	51.0	62.1	74.7	87.6	100.4
52.5°	0.0	4.5	10.9	20.9	31.6	43.0	55.2	67.5	80.9	94.6	108.1
50°	0.0	4.8	12.0	22.6	34.1	46.4	59.2	72.7	86.9	101.3	115.5
47.5°	0.0	5.0	13.0	24.2	36.5	49.7	63.2	77.8	92.6	107.7	122.7
45°	0.0	5.2	14.0	25.9	38.8	52.9	67.3	82.6	98.2	113.9	129.6
42.5°	0.0	5.5	14.9	27.5	40.9	55.9	71.2	87.2	103.4	119.9	136.1
40°	0.0	5.7	15.8	29.0	43.1	58.9	75.0	91.5	108.5	125.5	142.4
37.5°	0.0	5.9	16.7	30.4	45.3	61.7	78.5	95.6	113.3	131.0	148.5
35°	0.0	6.1	17.5	31.7	47.5	64.4	81.7	99.5	117.9	136.2	154.1
32.5°	0.0	6.2	18.2	33.0	49.4	67.0	84.8	103.0	122.3	140.9	159.1
30°	0.0	6.4	18.8	34.1	51.3	69.3	87.6	106.4	126.4	145.4	163.7
27.5°	0.0	6.6	19.5	35.1	53.0	71.5	90.3	109.7	130.2	149.4	167.9
25°	0.0	6.7	20.0	36.1	54.5	73.5	92.6	112.7	133.4	152.9	171.9
22.5°	0.0	6.8	20.5	37.0	55.8	75.3	94.8	115.5	136.4	156.1	175.4
20°	0.0	7.0	21.0	37.7	57.0	76.8	96.6	118.0	139.0	158.9	178.6
17.5°	0.0	7.1	21.3	38.4	58.1	78.2	98.3	120.2	141.3	161.4	181.3
15°	0.0	7.1	21.6	38.9	59.0	79.3	99.9	122.2	143.2	163.5	183.7
12.5°	0.0	7.2	21.9	39.4	59.8	80.2	101.2	124.0	144.9	165.2	185.7
10°	0.0	7.3	22.1	39.8	60.3	81.0	102.3	125.5	146.4	166.9	187.3
7.5°	0.0	7.3	22.2	40.0	60.8	81.5	103.2	126.6	147.5	168.2	188.8
5°	0.0	7.4	22.3	40.2	61.0	81.8	103.8	127.4	148.3	169.1	189.9
2.5°	0.0	7.4	22.3	40.2	61.2	82.0	104.2	127.9	148.8	169.7	190.5
0°	0.0	7.4	22.3	40.2	61.1	81.9	104.3	128.1	149.0	169.9	190.7
-2.5°	0.0	7.4	22.3	40.2	61.2	82.0	104.2	127.9	148.8	169.7	190.5
-5°	0.0	7.4	22.3	40.2	61.0	81.8	103.8	127.4	148.3	169.1	189.9
-7.5°	0.0	7.3	22.2	40.0	60.8	81.5	103.2	126.6	147.5	168.2	188.8
-10°	0.0	7.3	22.1	39.8	60.3	81.0	102.3	125.5	146.4	166.9	187.3
-12.5°	0.0	7.2	21.9	39.4	59.8	80.2	101.2	124.0	144.9	165.2	185.7
-15°	0.0	7.1	21.6	38.9	59.0	79.3	99.9	122.2	143.2	163.5	183.7
-17.5°	0.0	7.1	21.3	38.4	58.1	78.2	98.3	120.2	141.3	161.4	181.3
-20°	0.0	7.0	21.0	37.7	57.0	76.8	96.6	118.0	139.0	158.9	178.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.8	20.5	37.0	55.8	75.3	94.8	115.5	136.4	156.1	175.4
-25°	0.0	6.7	20.0	36.1	54.5	73.5	92.6	112.7	133.4	152.9	171.9
-27.5°	0.0	6.6	19.5	35.1	53.0	71.5	90.3	109.7	130.2	149.4	167.9
-30°	0.0	6.4	18.8	34.1	51.3	69.3	87.6	106.4	126.4	145.4	163.7
-32.5°	0.0	6.2	18.2	33.0	49.4	67.0	84.8	103.0	122.3	140.9	159.1
-35°	0.0	6.1	17.5	31.7	47.5	64.4	81.7	99.5	117.9	136.2	154.1
-37.5°	0.0	5.9	16.7	30.4	45.3	61.7	78.5	95.6	113.3	131.0	148.5
-40°	0.0	5.7	15.8	29.0	43.1	58.9	75.0	91.5	108.5	125.5	142.4
-42.5°	0.0	5.5	14.9	27.5	40.9	55.9	71.2	87.2	103.4	119.9	136.1
-45°	0.0	5.2	14.0	25.9	38.8	52.9	67.3	82.6	98.2	113.9	129.6
-47.5°	0.0	5.0	13.0	24.2	36.5	49.7	63.2	77.8	92.6	107.7	122.7
-50°	0.0	4.8	12.0	22.6	34.1	46.4	59.2	72.7	86.9	101.3	115.5
-52.5°	0.0	4.5	10.9	20.9	31.6	43.0	55.2	67.5	80.9	94.6	108.1
-55°	0.0	4.2	9.8	19.2	29.1	39.7	51.0	62.1	74.7	87.6	100.4
-57.5°	0.0	4.0	8.6	17.4	26.4	36.4	46.8	57.1	68.2	80.4	92.4
-60°	0.0	3.7	7.4	15.5	23.7	32.9	42.4	52.1	61.8	72.8	84.2
-62.5°	0.0	3.4	6.8	13.7	21.2	29.3	38.1	47.0	55.8	65.0	75.5
-65°	0.0	3.1	6.2	11.7	18.6	25.7	33.6	41.7	49.7	57.8	66.5
-67.5°	0.0	2.8	5.7	9.8	16.0	22.2	29.1	36.3	43.4	50.7	58.1
-70°	0.0	2.5	5.1	7.8	13.3	18.8	24.4	30.8	37.1	43.4	49.9
-72.5°	0.0	2.2	4.4	6.7	10.6	15.5	20.3	25.3	30.8	36.3	41.7
-75°	0.0	1.9	3.8	5.7	7.9	12.1	16.2	20.3	24.4	29.1	33.7
-77.5°	0.0	1.6	3.2	4.8	6.4	8.6	12.1	15.6	19.1	22.3	25.7
-80°	0.0	1.3	2.6	3.8	5.1	6.4	7.9	10.9	13.8	16.5	19.1
-82.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	7.0	8.5	10.7	12.8
-85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.7	5.6	6.5	7.5
-87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.8	3.3	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA1E-730-U-MWR-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°	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.8	7.1
85°	8.2	8.9	10.1	11.3	12.5	13.6	14.6	15.7	16.7	17.6	18.5
82.5°	14.7	16.7	18.6	20.6	22.4	24.1	25.7	27.4	29.1	30.8	32.5
80°	21.7	24.4	27.5	30.4	32.9	35.4	37.7	40.0	42.5	45.1	47.8
77.5°	29.7	33.6	37.2	40.5	43.8	47.4	50.8	54.1	57.5	60.9	64.2
75°	38.3	42.7	47.3	51.9	56.3	60.6	64.7	69.0	73.3	77.5	81.6
72.5°	47.2	52.8	58.2	63.5	69.0	74.3	79.5	84.4	89.5	94.8	99.7
70°	56.5	62.8	69.5	75.9	82.1	88.3	94.6	100.7	106.6	112.7	118.7
67.5°	65.8	73.7	81.2	88.4	95.7	103.0	110.1	117.4	124.4	131.4	138.1
65°	76.0	84.7	92.9	101.2	109.4	118.0	126.4	134.5	142.6	150.5	157.5
62.5°	86.0	95.3	104.4	113.8	123.6	133.2	142.4	151.6	161.1	169.3	176.5
60°	95.3	105.6	115.8	126.4	137.2	147.6	157.9	168.0	178.1	187.6	193.5
57.5°	104.2	115.6	126.9	138.3	149.7	161.3	172.1	183.2	192.6	200.6	207.4
55°	112.9	125.2	137.3	149.3	161.6	173.8	185.5	196.0	205.2	211.9	218.4
52.5°	121.4	134.3	146.8	159.8	172.9	185.8	198.0	207.8	215.3	222.1	228.3
50°	129.5	142.8	155.9	170.0	183.9	197.4	209.0	217.5	225.2	231.8	238.2
47.5°	137.2	151.0	165.0	179.9	194.5	207.6	218.2	227.1	235.0	242.1	249.7
45°	144.6	159.2	174.1	189.4	204.3	217.0	227.2	236.8	244.2	252.3	261.0
42.5°	151.8	167.1	182.7	198.5	213.6	225.4	235.6	244.5	253.1	262.7	273.2
40°	158.6	174.6	190.9	207.3	222.3	232.8	242.8	252.2	262.7	274.1	286.3
37.5°	165.0	181.6	198.5	215.6	228.7	239.6	249.8	260.2	272.5	285.7	302.2
35°	171.0	188.2	205.6	222.0	234.5	246.0	256.6	268.2	282.5	299.7	320.9
32.5°	176.5	194.2	212.1	227.2	239.8	251.7	262.6	277.2	294.3	314.8	344.7
30°	181.6	199.7	217.7	232.3	244.6	256.6	269.8	286.2	306.2	336.2	374.5
27.5°	186.4	204.8	222.1	236.5	248.9	261.2	276.7	296.6	323.0	358.7	406.3
25°	190.7	209.6	226.3	240.0	252.8	266.5	283.4	305.7	340.4	386.5	450.9
22.5°	194.7	213.9	230.3	243.1	256.5	271.4	291.1	319.0	359.0	412.8	495.9
20°	198.2	217.2	233.3	246.0	260.0	275.4	297.9	331.6	379.8	449.6	555.5
17.5°	201.3	220.0	235.6	248.9	263.3	280.0	304.6	342.5	398.3	481.6	615.8
15°	203.9	222.5	237.5	251.2	266.3	285.2	313.8	356.7	419.8	514.9	668.4
12.5°	206.1	224.5	239.1	253.2	268.7	289.6	321.7	370.2	442.1	555.8	745.8
10°	207.9	226.0	240.3	254.7	270.5	293.1	328.2	381.1	460.6	591.3	811.9
7.5°	209.5	227.2	241.1	255.8	271.9	295.7	333.0	389.6	474.8	619.1	864.2
5°	210.7	227.9	241.6	256.4	273.0	297.4	336.4	395.5	484.6	639.1	901.0
2.5°	211.4	228.2	241.7	256.6	273.8	298.2	338.1	398.7	492.3	648.5	920.8
0°	211.6	228.0	241.4	256.3	274.1	298.0	338.2	399.3	496.1	648.1	923.8
-2.5°	211.4	228.2	241.7	256.6	273.8	298.2	338.1	398.7	492.3	648.5	920.8
-5°	210.7	227.9	241.6	256.4	273.0	297.4	336.4	395.5	484.6	639.1	901.0
-7.5°	209.5	227.2	241.1	255.8	271.9	295.7	333.0	389.6	474.8	619.1	864.2
-10°	207.9	226.0	240.3	254.7	270.5	293.1	328.2	381.1	460.6	591.3	811.9
-12.5°	206.1	224.5	239.1	253.2	268.7	289.6	321.7	370.2	442.1	555.8	745.8
-15°	203.9	222.5	237.5	251.2	266.3	285.2	313.8	356.7	419.8	514.9	668.4
-17.5°	201.3	220.0	235.6	248.9	263.3	280.0	304.6	342.5	398.3	481.6	615.8
-20°	198.2	217.2	233.3	246.0	260.0	275.4	297.9	331.6	379.8	449.6	555.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	194.7	213.9	230.3	243.1	256.5	271.4	291.1	319.0	359.0	412.8	495.9
-25°	190.7	209.6	226.3	240.0	252.8	266.5	283.4	305.7	340.4	386.5	450.9
-27.5°	186.4	204.8	222.1	236.5	248.9	261.2	276.7	296.6	323.0	358.7	406.3
-30°	181.6	199.7	217.7	232.3	244.6	256.6	269.8	286.2	306.2	336.2	374.5
-32.5°	176.5	194.2	212.1	227.2	239.8	251.7	262.6	277.2	294.3	314.8	344.7
-35°	171.0	188.2	205.6	222.0	234.5	246.0	256.6	268.2	282.5	299.7	320.9
-37.5°	165.0	181.6	198.5	215.6	228.7	239.6	249.8	260.2	272.5	285.7	302.2
-40°	158.6	174.6	190.9	207.3	222.3	232.8	242.8	252.2	262.7	274.1	286.3
-42.5°	151.8	167.1	182.7	198.5	213.6	225.4	235.6	244.5	253.1	262.7	273.2
-45°	144.6	159.2	174.1	189.4	204.3	217.0	227.2	236.8	244.2	252.3	261.0
-47.5°	137.2	151.0	165.0	179.9	194.5	207.6	218.2	227.1	235.0	242.1	249.7
-50°	129.5	142.8	155.9	170.0	183.9	197.4	209.0	217.5	225.2	231.8	238.2
-52.5°	121.4	134.3	146.8	159.8	172.9	185.8	198.0	207.8	215.3	222.1	228.3
-55°	112.9	125.2	137.3	149.3	161.6	173.8	185.5	196.0	205.2	211.9	218.4
-57.5°	104.2	115.6	126.9	138.3	149.7	161.3	172.1	183.2	192.6	200.6	207.4
-60°	95.3	105.6	115.8	126.4	137.2	147.6	157.9	168.0	178.1	187.6	193.5
-62.5°	86.0	95.3	104.4	113.8	123.6	133.2	142.4	151.6	161.1	169.3	176.5
-65°	76.0	84.7	92.9	101.2	109.4	118.0	126.4	134.5	142.6	150.5	157.5
-67.5°	65.8	73.7	81.2	88.4	95.7	103.0	110.1	117.4	124.4	131.4	138.1
-70°	56.5	62.8	69.5	75.9	82.1	88.3	94.6	100.7	106.6	112.7	118.7
-72.5°	47.2	52.8	58.2	63.5	69.0	74.3	79.5	84.4	89.5	94.8	99.7
-75°	38.3	42.7	47.3	51.9	56.3	60.6	64.7	69.0	73.3	77.5	81.6
-77.5°	29.7	33.6	37.2	40.5	43.8	47.4	50.8	54.1	57.5	60.9	64.2
-80°	21.7	24.4	27.5	30.4	32.9	35.4	37.7	40.0	42.5	45.1	47.8
-82.5°	14.7	16.7	18.6	20.6	22.4	24.1	25.7	27.4	29.1	30.8	32.5
-85°	8.2	8.9	10.1	11.3	12.5	13.6	14.6	15.7	16.7	17.6	18.5
-87.5°	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.8	7.1
-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: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-MWR-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°	7.3	7.2	7.1	6.9	6.7	7.2	7.7	8.1	8.6	8.3	8.0
85°	19.4	19.8	20.2	20.5	20.7	21.7	22.6	23.4	24.2	24.2	24.1
82.5°	34.1	35.2	36.1	37.0	37.7	38.8	39.8	40.6	41.4	41.9	42.3
80°	50.3	52.1	53.6	55.0	56.2	57.7	59.0	60.2	61.2	61.8	62.1
77.5°	67.4	70.0	72.3	74.5	76.6	78.7	80.6	82.3	83.8	84.1	84.0
75°	85.4	88.9	92.2	95.3	98.1	100.5	102.5	104.3	105.7	106.4	106.7
72.5°	104.5	108.8	112.6	116.1	119.1	121.6	123.8	125.6	127.2	128.2	128.8
70°	124.4	129.5	133.4	136.7	139.3	141.7	144.5	147.1	149.6	151.0	151.5
67.5°	144.3	149.6	153.2	156.2	158.6	161.0	164.5	167.6	170.4	172.3	173.5
65°	163.8	169.3	173.0	175.9	178.0	180.4	184.4	187.5	189.9	191.8	193.5
62.5°	183.1	188.7	192.7	196.1	199.3	202.0	205.2	207.8	209.8	211.6	213.7
60°	199.7	206.4	210.7	214.1	218.0	222.2	224.5	226.5	228.2	229.7	231.0
57.5°	213.4	219.3	224.8	228.9	233.0	236.9	239.6	241.5	243.0	244.1	244.5
55°	224.8	230.9	237.0	241.5	245.5	249.1	252.2	254.6	256.6	258.1	258.5
52.5°	235.0	241.9	247.9	253.1	258.3	262.6	266.0	269.2	272.1	274.4	275.4
50°	246.1	253.3	260.8	267.8	273.3	278.2	282.3	286.9	291.8	295.8	298.3
47.5°	257.8	266.1	275.2	283.7	290.3	297.6	304.3	311.2	320.2	327.8	333.5
45°	270.1	280.7	291.0	301.9	311.0	324.7	337.4	348.3	362.8	376.0	386.4
42.5°	284.6	297.8	310.5	327.8	346.0	364.7	384.9	402.1	424.8	447.9	466.5
40°	301.7	318.6	340.9	364.2	392.9	418.7	453.5	484.6	519.4	563.4	599.7
37.5°	322.3	348.4	379.4	411.9	456.7	499.4	557.1	617.8	673.0	757.6	828.7
35°	349.0	385.5	426.4	483.9	547.3	627.4	717.4	834.7	935.3	1078.0	1214.4
32.5°	383.5	430.5	497.2	586.0	679.6	825.1	967.8	1171.5	1360.2	1586.3	1830.5
30°	421.9	493.3	595.2	717.0	891.7	1105.8	1357.4	1670.3	2012.6	2330.6	2643.9
27.5°	477.5	579.8	713.7	910.3	1182.6	1482.1	1922.8	2347.5	2790.6	3184.6	3513.1
25°	542.5	677.7	884.7	1174.1	1542.4	2055.3	2582.8	3107.0	3583.6	3996.0	4358.9
22.5°	626.3	820.8	1096.8	1471.7	2045.2	2659.9	3278.5	3856.7	4365.0	4824.2	5217.1
20°	717.6	961.0	1355.0	1914.1	2569.9	3270.2	3968.7	4584.6	5144.3	5665.0	6107.8
17.5°	833.2	1174.1	1673.0	2343.8	3101.9	3869.3	4603.0	5271.4	5906.4	6457.4	6920.1
15°	931.8	1361.7	2012.9	2799.6	3619.7	4429.1	5203.8	5929.7	6590.0	7155.3	7590.2
12.5°	1063.2	1572.0	2314.7	3191.5	4080.1	4931.8	5747.8	6498.1	7170.1	7729.1	8067.7
10°	1187.4	1789.8	2606.4	3520.7	4444.0	5351.5	6222.7	6992.3	7616.1	8060.8	8349.3
7.5°	1293.1	1976.9	2843.7	3786.9	4733.1	5681.8	6563.7	7312.5	7887.7	8259.1	8460.0
5°	1371.9	2116.8	3019.8	4003.1	4974.1	5939.5	6814.5	7517.5	8014.5	8290.5	8391.3
2.5°	1422.2	2198.9	3122.0	4145.0	5135.4	6102.5	6986.5	7678.4	8100.2	8283.1	8300.4
0°	1442.3	2209.6	3137.8	4219.5	5176.0	6148.9	7035.5	7744.7	8132.0	8282.5	8279.5
-2.5°	1422.2	2198.9	3122.0	4145.0	5135.4	6102.5	6986.5	7678.4	8100.2	8283.1	8300.4
-5°	1371.9	2116.8	3019.8	4003.1	4974.1	5939.5	6814.5	7517.5	8014.5	8290.5	8391.3
-7.5°	1293.1	1976.9	2843.7	3786.9	4733.1	5681.8	6563.7	7312.5	7887.7	8259.1	8460.0
-10°	1187.4	1789.8	2606.4	3520.7	4444.0	5351.5	6222.7	6992.3	7616.1	8060.8	8349.3
-12.5°	1063.2	1572.0	2314.7	3191.5	4080.1	4931.8	5747.8	6498.1	7170.1	7729.1	8067.7
-15°	931.8	1361.7	2012.9	2799.6	3619.7	4429.1	5203.8	5929.7	6590.0	7155.3	7590.2
-17.5°	833.2	1174.1	1673.0	2343.8	3101.9	3869.3	4603.0	5271.4	5906.4	6457.4	6920.1
-20°	717.6	961.0	1355.0	1914.1	2569.9	3270.2	3968.7	4584.6	5144.3	5665.0	6107.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	626.3	820.8	1096.8	1471.7	2045.2	2659.9	3278.5	3856.7	4365.0	4824.2	5217.1
-25°	542.5	677.7	884.7	1174.1	1542.4	2055.3	2582.8	3107.0	3583.6	3996.0	4358.9
-27.5°	477.5	579.8	713.7	910.3	1182.6	1482.1	1922.8	2347.5	2790.6	3184.6	3513.1
-30°	421.9	493.3	595.2	717.0	891.7	1105.8	1357.4	1670.3	2012.6	2330.6	2643.9
-32.5°	383.5	430.5	497.2	586.0	679.6	825.1	967.8	1171.5	1360.2	1586.3	1830.5
-35°	349.0	385.5	426.4	483.9	547.3	627.4	717.4	834.7	935.3	1078.0	1214.4
-37.5°	322.3	348.4	379.4	411.9	456.7	499.4	557.1	617.8	673.0	757.6	828.7
-40°	301.7	318.6	340.9	364.2	392.9	418.7	453.5	484.6	519.4	563.4	599.7
-42.5°	284.6	297.8	310.5	327.8	346.0	364.7	384.9	402.1	424.8	447.9	466.5
-45°	270.1	280.7	291.0	301.9	311.0	324.7	337.4	348.3	362.8	376.0	386.4
-47.5°	257.8	266.1	275.2	283.7	290.3	297.6	304.3	311.2	320.2	327.8	333.5
-50°	246.1	253.3	260.8	267.8	273.3	278.2	282.3	286.9	291.8	295.8	298.3
-52.5°	235.0	241.9	247.9	253.1	258.3	262.6	266.0	269.2	272.1	274.4	275.4
-55°	224.8	230.9	237.0	241.5	245.5	249.1	252.2	254.6	256.6	258.1	258.5
-57.5°	213.4	219.3	224.8	228.9	233.0	236.9	239.6	241.5	243.0	244.1	244.5
-60°	199.7	206.4	210.7	214.1	218.0	222.2	224.5	226.5	228.2	229.7	231.0
-62.5°	183.1	188.7	192.7	196.1	199.3	202.0	205.2	207.8	209.8	211.6	213.7
-65°	163.8	169.3	173.0	175.9	178.0	180.4	184.4	187.5	189.9	191.8	193.5
-67.5°	144.3	149.6	153.2	156.2	158.6	161.0	164.5	167.6	170.4	172.3	173.5
-70°	124.4	129.5	133.4	136.7	139.3	141.7	144.5	147.1	149.6	151.0	151.5
-72.5°	104.5	108.8	112.6	116.1	119.1	121.6	123.8	125.6	127.2	128.2	128.8
-75°	85.4	88.9	92.2	95.3	98.1	100.5	102.5	104.3	105.7	106.4	106.7
-77.5°	67.4	70.0	72.3	74.5	76.6	78.7	80.6	82.3	83.8	84.1	84.0
-80°	50.3	52.1	53.6	55.0	56.2	57.7	59.0	60.2	61.2	61.8	62.1
-82.5°	34.1	35.2	36.1	37.0	37.7	38.8	39.8	40.6	41.4	41.9	42.3
-85°	19.4	19.8	20.2	20.5	20.7	21.7	22.6	23.4	24.2	24.2	24.1
-87.5°	7.3	7.2	7.1	6.9	6.7	7.2	7.7	8.1	8.6	8.3	8.0
-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: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-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°	7.7	7.4	7.4	7.4	7.4	7.4	7.7	8.0	8.3	8.6	8.1
85°	23.9	23.7	23.0	22.3	23.0	23.7	23.9	24.1	24.2	24.2	23.4
82.5°	42.7	43.0	42.4	41.7	42.4	43.0	42.7	42.3	41.9	41.4	40.6
80°	62.3	62.3	61.8	61.1	61.8	62.3	62.3	62.1	61.8	61.2	60.2
77.5°	83.7	83.1	83.3	83.4	83.3	83.1	83.7	84.0	84.1	83.8	82.3
75°	106.9	106.8	106.4	105.8	106.4	106.8	106.9	106.7	106.4	105.7	104.3
72.5°	129.1	129.1	128.7	128.1	128.7	129.1	129.1	128.8	128.2	127.2	125.6
70°	151.7	151.4	151.8	152.0	151.8	151.4	151.7	151.5	151.0	149.6	147.1
67.5°	174.4	175.0	174.9	174.3	174.9	175.0	174.4	173.5	172.3	170.4	167.6
65°	194.8	195.9	196.5	196.7	196.5	195.9	194.8	193.5	191.8	189.9	187.5
62.5°	215.4	216.6	216.6	216.0	216.6	216.6	215.4	213.7	211.6	209.8	207.8
60°	231.7	231.9	231.6	230.9	231.6	231.9	231.7	231.0	229.7	228.2	226.5
57.5°	244.5	244.0	243.6	242.9	243.6	244.0	244.5	244.5	244.1	243.0	241.5
55°	258.3	257.6	257.0	256.3	257.0	257.6	258.3	258.5	258.1	256.6	254.6
52.5°	275.6	275.2	274.7	274.1	274.7	275.2	275.6	275.4	274.4	272.1	269.2
50°	299.6	300.0	300.0	299.5	300.0	300.0	299.6	298.3	295.8	291.8	286.9
47.5°	337.1	339.1	340.4	341.2	340.4	339.1	337.1	333.5	327.8	320.2	311.2
45°	393.1	397.1	399.9	402.3	399.9	397.1	393.1	386.4	376.0	362.8	348.3
42.5°	479.6	488.5	492.7	491.7	492.7	488.5	479.6	466.5	447.9	424.8	402.1
40°	623.9	638.3	646.2	652.6	646.2	638.3	623.9	599.7	563.4	519.4	484.6
37.5°	877.3	905.2	919.9	932.7	919.9	905.2	877.3	828.7	757.6	673.0	617.8
35°	1316.3	1379.0	1412.6	1424.4	1412.6	1379.0	1316.3	1214.4	1078.0	935.3	834.7
32.5°	2020.4	2136.3	2200.4	2249.8	2200.4	2136.3	2020.4	1830.5	1586.3	1360.2	1171.5
30°	2891.9	3044.5	3129.2	3170.6	3129.2	3044.5	2891.9	2643.9	2330.6	2012.6	1670.3
27.5°	3785.4	3958.8	4050.1	4045.2	4050.1	3958.8	3785.4	3513.1	3184.6	2790.6	2347.5
25°	4670.1	4871.0	4961.9	5043.4	4961.9	4871.0	4670.1	4358.9	3996.0	3583.6	3107.0
22.5°	5564.9	5799.8	5927.9	5988.0	5927.9	5799.8	5564.9	5217.1	4824.2	4365.0	3856.7
20°	6449.1	6710.6	6846.6	6905.8	6846.6	6710.6	6449.1	6107.8	5665.0	5144.3	4584.6
17.5°	7233.3	7488.5	7618.2	7673.1	7618.2	7488.5	7233.3	6920.1	6457.4	5906.4	5271.4
15°	7859.4	8047.7	8158.0	8187.2	8158.0	8047.7	7859.4	7590.2	7155.3	6590.0	5929.7
12.5°	8292.2	8365.2	8418.2	8434.5	8418.2	8365.2	8292.2	8067.7	7729.1	7170.1	6498.1
10°	8513.5	8480.6	8467.1	8468.8	8467.1	8480.6	8513.5	8349.3	8060.8	7616.1	6992.3
7.5°	8498.3	8449.6	8351.7	8336.2	8351.7	8449.6	8498.3	8460.0	8259.1	7887.7	7312.5
5°	8376.2	8287.5	8125.1	8078.4	8125.1	8287.5	8376.2	8391.3	8290.5	8014.5	7517.5
2.5°	8233.9	8074.0	7924.4	7828.1	7924.4	8074.0	8233.9	8300.4	8283.1	8100.2	7678.4
0°	8191.6	8006.9	7813.2	7750.6	7813.2	8006.9	8191.6	8279.5	8282.5	8132.0	7744.7
-2.5°	8233.9	8074.0	7924.4	7828.1	7924.4	8074.0	8233.9	8300.4	8283.1	8100.2	7678.4
-5°	8376.2	8287.5	8125.1	8078.4	8125.1	8287.5	8376.2	8391.3	8290.5	8014.5	7517.5
-7.5°	8498.3	8449.6	8351.7	8336.2	8351.7	8449.6	8498.3	8460.0	8259.1	7887.7	7312.5
-10°	8513.5	8480.6	8467.1	8468.8	8467.1	8480.6	8513.5	8349.3	8060.8	7616.1	6992.3
-12.5°	8292.2	8365.2	8418.2	8434.5	8418.2	8365.2	8292.2	8067.7	7729.1	7170.1	6498.1
-15°	7859.4	8047.7	8158.0	8187.2	8158.0	8047.7	7859.4	7590.2	7155.3	6590.0	5929.7
-17.5°	7233.3	7488.5	7618.2	7673.1	7618.2	7488.5	7233.3	6920.1	6457.4	5906.4	5271.4
-20°	6449.1	6710.6	6846.6	6905.8	6846.6	6710.6	6449.1	6107.8	5665.0	5144.3	4584.6



REPORT NUMBER: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5564.9	5799.8	5927.9	5988.0	5927.9	5799.8	5564.9	5217.1	4824.2	4365.0	3856.7
-25°	4670.1	4871.0	4961.9	5043.4	4961.9	4871.0	4670.1	4358.9	3996.0	3583.6	3107.0
-27.5°	3785.4	3958.8	4050.1	4045.2	4050.1	3958.8	3785.4	3513.1	3184.6	2790.6	2347.5
-30°	2891.9	3044.5	3129.2	3170.6	3129.2	3044.5	2891.9	2643.9	2330.6	2012.6	1670.3
-32.5°	2020.4	2136.3	2200.4	2249.8	2200.4	2136.3	2020.4	1830.5	1586.3	1360.2	1171.5
-35°	1316.3	1379.0	1412.6	1424.4	1412.6	1379.0	1316.3	1214.4	1078.0	935.3	834.7
-37.5°	877.3	905.2	919.9	932.7	919.9	905.2	877.3	828.7	757.6	673.0	617.8
-40°	623.9	638.3	646.2	652.6	646.2	638.3	623.9	599.7	563.4	519.4	484.6
-42.5°	479.6	488.5	492.7	491.7	492.7	488.5	479.6	466.5	447.9	424.8	402.1
-45°	393.1	397.1	399.9	402.3	399.9	397.1	393.1	386.4	376.0	362.8	348.3
-47.5°	337.1	339.1	340.4	341.2	340.4	339.1	337.1	333.5	327.8	320.2	311.2
-50°	299.6	300.0	300.0	299.5	300.0	300.0	299.6	298.3	295.8	291.8	286.9
-52.5°	275.6	275.2	274.7	274.1	274.7	275.2	275.6	275.4	274.4	272.1	269.2
-55°	258.3	257.6	257.0	256.3	257.0	257.6	258.3	258.5	258.1	256.6	254.6
-57.5°	244.5	244.0	243.6	242.9	243.6	244.0	244.5	244.5	244.1	243.0	241.5
-60°	231.7	231.9	231.6	230.9	231.6	231.9	231.7	231.0	229.7	228.2	226.5
-62.5°	215.4	216.6	216.6	216.0	216.6	216.6	215.4	213.7	211.6	209.8	207.8
-65°	194.8	195.9	196.5	196.7	196.5	195.9	194.8	193.5	191.8	189.9	187.5
-67.5°	174.4	175.0	174.9	174.3	174.9	175.0	174.4	173.5	172.3	170.4	167.6
-70°	151.7	151.4	151.8	152.0	151.8	151.4	151.7	151.5	151.0	149.6	147.1
-72.5°	129.1	129.1	128.7	128.1	128.7	129.1	129.1	128.8	128.2	127.2	125.6
-75°	106.9	106.8	106.4	105.8	106.4	106.8	106.9	106.7	106.4	105.7	104.3
-77.5°	83.7	83.1	83.3	83.4	83.3	83.1	83.7	84.0	84.1	83.8	82.3
-80°	62.3	62.3	61.8	61.1	61.8	62.3	62.3	62.1	61.8	61.2	60.2
-82.5°	42.7	43.0	42.4	41.7	42.4	43.0	42.7	42.3	41.9	41.4	40.6
-85°	23.9	23.7	23.0	22.3	23.0	23.7	23.9	24.1	24.2	24.2	23.4
-87.5°	7.7	7.4	7.4	7.4	7.4	7.4	7.7	8.0	8.3	8.6	8.1
-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: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-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°	7.7	7.2	6.7	6.9	7.1	7.2	7.3	7.1	6.8	6.6	6.3
85°	22.6	21.7	20.7	20.5	20.2	19.8	19.4	18.5	17.6	16.7	15.7
82.5°	39.8	38.8	37.7	37.0	36.1	35.2	34.1	32.5	30.8	29.1	27.4
80°	59.0	57.7	56.2	55.0	53.6	52.1	50.3	47.8	45.1	42.5	40.0
77.5°	80.6	78.7	76.6	74.5	72.3	70.0	67.4	64.2	60.9	57.5	54.1
75°	102.5	100.5	98.1	95.3	92.2	88.9	85.4	81.6	77.5	73.3	69.0
72.5°	123.8	121.6	119.1	116.1	112.6	108.8	104.5	99.7	94.8	89.5	84.4
70°	144.5	141.7	139.3	136.7	133.4	129.5	124.4	118.7	112.7	106.6	100.7
67.5°	164.5	161.0	158.6	156.2	153.2	149.6	144.3	138.1	131.4	124.4	117.4
65°	184.4	180.4	178.0	175.9	173.0	169.3	163.8	157.5	150.5	142.6	134.5
62.5°	205.2	202.0	199.3	196.1	192.7	188.7	183.1	176.5	169.3	161.1	151.6
60°	224.5	222.2	218.0	214.1	210.7	206.4	199.7	193.5	187.6	178.1	168.0
57.5°	239.6	236.9	233.0	228.9	224.8	219.3	213.4	207.4	200.6	192.6	183.2
55°	252.2	249.1	245.5	241.5	237.0	230.9	224.8	218.4	211.9	205.2	196.0
52.5°	266.0	262.6	258.3	253.1	247.9	241.9	235.0	228.3	222.1	215.3	207.8
50°	282.3	278.2	273.3	267.8	260.8	253.3	246.1	238.2	231.8	225.2	217.5
47.5°	304.3	297.6	290.3	283.7	275.2	266.1	257.8	249.7	242.1	235.0	227.1
45°	337.4	324.7	311.0	301.9	291.0	280.7	270.1	261.0	252.3	244.2	236.8
42.5°	384.9	364.7	346.0	327.8	310.5	297.8	284.6	273.2	262.7	253.1	244.5
40°	453.5	418.7	392.9	364.2	340.9	318.6	301.7	286.3	274.1	262.7	252.2
37.5°	557.1	499.4	456.7	411.9	379.4	348.4	322.3	302.2	285.7	272.5	260.2
35°	717.4	627.4	547.3	483.9	426.4	385.5	349.0	320.9	299.7	282.5	268.2
32.5°	967.8	825.1	679.6	586.0	497.2	430.5	383.5	344.7	314.8	294.3	277.2
30°	1357.4	1105.8	891.7	717.0	595.2	493.3	421.9	374.5	336.2	306.2	286.2
27.5°	1922.8	1482.1	1182.6	910.3	713.7	579.8	477.5	406.3	358.7	323.0	296.6
25°	2582.8	2055.3	1542.4	1174.1	884.7	677.7	542.5	450.9	386.5	340.4	305.7
22.5°	3278.5	2659.9	2045.2	1471.7	1096.8	820.8	626.3	495.9	412.8	359.0	319.0
20°	3968.7	3270.2	2569.9	1914.1	1355.0	961.0	717.6	555.5	449.6	379.8	331.6
17.5°	4603.0	3869.3	3101.9	2343.8	1673.0	1174.1	833.2	615.8	481.6	398.3	342.5
15°	5203.8	4429.1	3619.7	2799.6	2012.9	1361.7	931.8	668.4	514.9	419.8	356.7
12.5°	5747.8	4931.8	4080.1	3191.5	2314.7	1572.0	1063.2	745.8	555.8	442.1	370.2
10°	6222.7	5351.5	4444.0	3520.7	2606.4	1789.8	1187.4	811.9	591.3	460.6	381.1
7.5°	6563.7	5681.8	4733.1	3786.9	2843.7	1976.9	1293.1	864.2	619.1	474.8	389.6
5°	6814.5	5939.5	4974.1	4003.1	3019.8	2116.8	1371.9	901.0	639.1	484.6	395.5
2.5°	6986.5	6102.5	5135.4	4145.0	3122.0	2198.9	1422.2	920.8	648.5	492.3	398.7
0°	7035.5	6148.9	5176.0	4219.5	3137.8	2209.6	1442.3	923.8	648.1	496.1	399.3
-2.5°	6986.5	6102.5	5135.4	4145.0	3122.0	2198.9	1422.2	920.8	648.5	492.3	398.7
-5°	6814.5	5939.5	4974.1	4003.1	3019.8	2116.8	1371.9	901.0	639.1	484.6	395.5
-7.5°	6563.7	5681.8	4733.1	3786.9	2843.7	1976.9	1293.1	864.2	619.1	474.8	389.6
-10°	6222.7	5351.5	4444.0	3520.7	2606.4	1789.8	1187.4	811.9	591.3	460.6	381.1
-12.5°	5747.8	4931.8	4080.1	3191.5	2314.7	1572.0	1063.2	745.8	555.8	442.1	370.2
-15°	5203.8	4429.1	3619.7	2799.6	2012.9	1361.7	931.8	668.4	514.9	419.8	356.7
-17.5°	4603.0	3869.3	3101.9	2343.8	1673.0	1174.1	833.2	615.8	481.6	398.3	342.5
-20°	3968.7	3270.2	2569.9	1914.1	1355.0	961.0	717.6	555.5	449.6	379.8	331.6



REPORT NUMBER: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3278.5	2659.9	2045.2	1471.7	1096.8	820.8	626.3	495.9	412.8	359.0	319.0
-25°	2582.8	2055.3	1542.4	1174.1	884.7	677.7	542.5	450.9	386.5	340.4	305.7
-27.5°	1922.8	1482.1	1182.6	910.3	713.7	579.8	477.5	406.3	358.7	323.0	296.6
-30°	1357.4	1105.8	891.7	717.0	595.2	493.3	421.9	374.5	336.2	306.2	286.2
-32.5°	967.8	825.1	679.6	586.0	497.2	430.5	383.5	344.7	314.8	294.3	277.2
-35°	717.4	627.4	547.3	483.9	426.4	385.5	349.0	320.9	299.7	282.5	268.2
-37.5°	557.1	499.4	456.7	411.9	379.4	348.4	322.3	302.2	285.7	272.5	260.2
-40°	453.5	418.7	392.9	364.2	340.9	318.6	301.7	286.3	274.1	262.7	252.2
-42.5°	384.9	364.7	346.0	327.8	310.5	297.8	284.6	273.2	262.7	253.1	244.5
-45°	337.4	324.7	311.0	301.9	291.0	280.7	270.1	261.0	252.3	244.2	236.8
-47.5°	304.3	297.6	290.3	283.7	275.2	266.1	257.8	249.7	242.1	235.0	227.1
-50°	282.3	278.2	273.3	267.8	260.8	253.3	246.1	238.2	231.8	225.2	217.5
-52.5°	266.0	262.6	258.3	253.1	247.9	241.9	235.0	228.3	222.1	215.3	207.8
-55°	252.2	249.1	245.5	241.5	237.0	230.9	224.8	218.4	211.9	205.2	196.0
-57.5°	239.6	236.9	233.0	228.9	224.8	219.3	213.4	207.4	200.6	192.6	183.2
-60°	224.5	222.2	218.0	214.1	210.7	206.4	199.7	193.5	187.6	178.1	168.0
-62.5°	205.2	202.0	199.3	196.1	192.7	188.7	183.1	176.5	169.3	161.1	151.6
-65°	184.4	180.4	178.0	175.9	173.0	169.3	163.8	157.5	150.5	142.6	134.5
-67.5°	164.5	161.0	158.6	156.2	153.2	149.6	144.3	138.1	131.4	124.4	117.4
-70°	144.5	141.7	139.3	136.7	133.4	129.5	124.4	118.7	112.7	106.6	100.7
-72.5°	123.8	121.6	119.1	116.1	112.6	108.8	104.5	99.7	94.8	89.5	84.4
-75°	102.5	100.5	98.1	95.3	92.2	88.9	85.4	81.6	77.5	73.3	69.0
-77.5°	80.6	78.7	76.6	74.5	72.3	70.0	67.4	64.2	60.9	57.5	54.1
-80°	59.0	57.7	56.2	55.0	53.6	52.1	50.3	47.8	45.1	42.5	40.0
-82.5°	39.8	38.8	37.7	37.0	36.1	35.2	34.1	32.5	30.8	29.1	27.4
-85°	22.6	21.7	20.7	20.5	20.2	19.8	19.4	18.5	17.6	16.7	15.7
-87.5°	7.7	7.2	6.7	6.9	7.1	7.2	7.3	7.1	6.8	6.6	6.3
-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: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-MWR-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°	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.3	2.8	2.3
85°	14.6	13.6	12.5	11.3	10.1	8.9	8.2	7.5	6.5	5.6	4.7
82.5°	25.7	24.1	22.4	20.6	18.6	16.7	14.7	12.8	10.7	8.5	7.0
80°	37.7	35.4	32.9	30.4	27.5	24.4	21.7	19.1	16.5	13.8	10.9
77.5°	50.8	47.4	43.8	40.5	37.2	33.6	29.7	25.7	22.3	19.1	15.6
75°	64.7	60.6	56.3	51.9	47.3	42.7	38.3	33.7	29.1	24.4	20.3
72.5°	79.5	74.3	69.0	63.5	58.2	52.8	47.2	41.7	36.3	30.8	25.3
70°	94.6	88.3	82.1	75.9	69.5	62.8	56.5	49.9	43.4	37.1	30.8
67.5°	110.1	103.0	95.7	88.4	81.2	73.7	65.8	58.1	50.7	43.4	36.3
65°	126.4	118.0	109.4	101.2	92.9	84.7	76.0	66.5	57.8	49.7	41.7
62.5°	142.4	133.2	123.6	113.8	104.4	95.3	86.0	75.5	65.0	55.8	47.0
60°	157.9	147.6	137.2	126.4	115.8	105.6	95.3	84.2	72.8	61.8	52.1
57.5°	172.1	161.3	149.7	138.3	126.9	115.6	104.2	92.4	80.4	68.2	57.1
55°	185.5	173.8	161.6	149.3	137.3	125.2	112.9	100.4	87.6	74.7	62.1
52.5°	198.0	185.8	172.9	159.8	146.8	134.3	121.4	108.1	94.6	80.9	67.5
50°	209.0	197.4	183.9	170.0	155.9	142.8	129.5	115.5	101.3	86.9	72.7
47.5°	218.2	207.6	194.5	179.9	165.0	151.0	137.2	122.7	107.7	92.6	77.8
45°	227.2	217.0	204.3	189.4	174.1	159.2	144.6	129.6	113.9	98.2	82.6
42.5°	235.6	225.4	213.6	198.5	182.7	167.1	151.8	136.1	119.9	103.4	87.2
40°	242.8	232.8	222.3	207.3	190.9	174.6	158.6	142.4	125.5	108.5	91.5
37.5°	249.8	239.6	228.7	215.6	198.5	181.6	165.0	148.5	131.0	113.3	95.6
35°	256.6	246.0	234.5	222.0	205.6	188.2	171.0	154.1	136.2	117.9	99.5
32.5°	262.6	251.7	239.8	227.2	212.1	194.2	176.5	159.1	140.9	122.3	103.0
30°	269.8	256.6	244.6	232.3	217.7	199.7	181.6	163.7	145.4	126.4	106.4
27.5°	276.7	261.2	248.9	236.5	222.1	204.8	186.4	167.9	149.4	130.2	109.7
25°	283.4	266.5	252.8	240.0	226.3	209.6	190.7	171.9	152.9	133.4	112.7
22.5°	291.1	271.4	256.5	243.1	230.3	213.9	194.7	175.4	156.1	136.4	115.5
20°	297.9	275.4	260.0	246.0	233.3	217.2	198.2	178.6	158.9	139.0	118.0
17.5°	304.6	280.0	263.3	248.9	235.6	220.0	201.3	181.3	161.4	141.3	120.2
15°	313.8	285.2	266.3	251.2	237.5	222.5	203.9	183.7	163.5	143.2	122.2
12.5°	321.7	289.6	268.7	253.2	239.1	224.5	206.1	185.7	165.2	144.9	124.0
10°	328.2	293.1	270.5	254.7	240.3	226.0	207.9	187.3	166.9	146.4	125.5
7.5°	333.0	295.7	271.9	255.8	241.1	227.2	209.5	188.8	168.2	147.5	126.6
5°	336.4	297.4	273.0	256.4	241.6	227.9	210.7	189.9	169.1	148.3	127.4
2.5°	338.1	298.2	273.8	256.6	241.7	228.2	211.4	190.5	169.7	148.8	127.9
0°	338.2	298.0	274.1	256.3	241.4	228.0	211.6	190.7	169.9	149.0	128.1
-2.5°	338.1	298.2	273.8	256.6	241.7	228.2	211.4	190.5	169.7	148.8	127.9
-5°	336.4	297.4	273.0	256.4	241.6	227.9	210.7	189.9	169.1	148.3	127.4
-7.5°	333.0	295.7	271.9	255.8	241.1	227.2	209.5	188.8	168.2	147.5	126.6
-10°	328.2	293.1	270.5	254.7	240.3	226.0	207.9	187.3	166.9	146.4	125.5
-12.5°	321.7	289.6	268.7	253.2	239.1	224.5	206.1	185.7	165.2	144.9	124.0
-15°	313.8	285.2	266.3	251.2	237.5	222.5	203.9	183.7	163.5	143.2	122.2
-17.5°	304.6	280.0	263.3	248.9	235.6	220.0	201.3	181.3	161.4	141.3	120.2
-20°	297.9	275.4	260.0	246.0	233.3	217.2	198.2	178.6	158.9	139.0	118.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	291.1	271.4	256.5	243.1	230.3	213.9	194.7	175.4	156.1	136.4	115.5
-25°	283.4	266.5	252.8	240.0	226.3	209.6	190.7	171.9	152.9	133.4	112.7
-27.5°	276.7	261.2	248.9	236.5	222.1	204.8	186.4	167.9	149.4	130.2	109.7
-30°	269.8	256.6	244.6	232.3	217.7	199.7	181.6	163.7	145.4	126.4	106.4
-32.5°	262.6	251.7	239.8	227.2	212.1	194.2	176.5	159.1	140.9	122.3	103.0
-35°	256.6	246.0	234.5	222.0	205.6	188.2	171.0	154.1	136.2	117.9	99.5
-37.5°	249.8	239.6	228.7	215.6	198.5	181.6	165.0	148.5	131.0	113.3	95.6
-40°	242.8	232.8	222.3	207.3	190.9	174.6	158.6	142.4	125.5	108.5	91.5
-42.5°	235.6	225.4	213.6	198.5	182.7	167.1	151.8	136.1	119.9	103.4	87.2
-45°	227.2	217.0	204.3	189.4	174.1	159.2	144.6	129.6	113.9	98.2	82.6
-47.5°	218.2	207.6	194.5	179.9	165.0	151.0	137.2	122.7	107.7	92.6	77.8
-50°	209.0	197.4	183.9	170.0	155.9	142.8	129.5	115.5	101.3	86.9	72.7
-52.5°	198.0	185.8	172.9	159.8	146.8	134.3	121.4	108.1	94.6	80.9	67.5
-55°	185.5	173.8	161.6	149.3	137.3	125.2	112.9	100.4	87.6	74.7	62.1
-57.5°	172.1	161.3	149.7	138.3	126.9	115.6	104.2	92.4	80.4	68.2	57.1
-60°	157.9	147.6	137.2	126.4	115.8	105.6	95.3	84.2	72.8	61.8	52.1
-62.5°	142.4	133.2	123.6	113.8	104.4	95.3	86.0	75.5	65.0	55.8	47.0
-65°	126.4	118.0	109.4	101.2	92.9	84.7	76.0	66.5	57.8	49.7	41.7
-67.5°	110.1	103.0	95.7	88.4	81.2	73.7	65.8	58.1	50.7	43.4	36.3
-70°	94.6	88.3	82.1	75.9	69.5	62.8	56.5	49.9	43.4	37.1	30.8
-72.5°	79.5	74.3	69.0	63.5	58.2	52.8	47.2	41.7	36.3	30.8	25.3
-75°	64.7	60.6	56.3	51.9	47.3	42.7	38.3	33.7	29.1	24.4	20.3
-77.5°	50.8	47.4	43.8	40.5	37.2	33.6	29.7	25.7	22.3	19.1	15.6
-80°	37.7	35.4	32.9	30.4	27.5	24.4	21.7	19.1	16.5	13.8	10.9
-82.5°	25.7	24.1	22.4	20.6	18.6	16.7	14.7	12.8	10.7	8.5	7.0
-85°	14.6	13.6	12.5	11.3	10.1	8.9	8.2	7.5	6.5	5.6	4.7
-87.5°	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.3	2.8	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA1E-730-U-MWR-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°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
82.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
80°	7.9	6.4	5.1	3.8	2.6	1.3	0.0
77.5°	12.1	8.6	6.4	4.8	3.2	1.6	0.0
75°	16.2	12.1	7.9	5.7	3.8	1.9	0.0
72.5°	20.3	15.5	10.6	6.7	4.4	2.2	0.0
70°	24.4	18.8	13.3	7.8	5.1	2.5	0.0
67.5°	29.1	22.2	16.0	9.8	5.7	2.8	0.0
65°	33.6	25.7	18.6	11.7	6.2	3.1	0.0
62.5°	38.1	29.3	21.2	13.7	6.8	3.4	0.0
60°	42.4	32.9	23.7	15.5	7.4	3.7	0.0
57.5°	46.8	36.4	26.4	17.4	8.6	4.0	0.0
55°	51.0	39.7	29.1	19.2	9.8	4.2	0.0
52.5°	55.2	43.0	31.6	20.9	10.9	4.5	0.0
50°	59.2	46.4	34.1	22.6	12.0	4.8	0.0
47.5°	63.2	49.7	36.5	24.2	13.0	5.0	0.0
45°	67.3	52.9	38.8	25.9	14.0	5.2	0.0
42.5°	71.2	55.9	40.9	27.5	14.9	5.5	0.0
40°	75.0	58.9	43.1	29.0	15.8	5.7	0.0
37.5°	78.5	61.7	45.3	30.4	16.7	5.9	0.0
35°	81.7	64.4	47.5	31.7	17.5	6.1	0.0
32.5°	84.8	67.0	49.4	33.0	18.2	6.2	0.0
30°	87.6	69.3	51.3	34.1	18.8	6.4	0.0
27.5°	90.3	71.5	53.0	35.1	19.5	6.6	0.0
25°	92.6	73.5	54.5	36.1	20.0	6.7	0.0
22.5°	94.8	75.3	55.8	37.0	20.5	6.8	0.0
20°	96.6	76.8	57.0	37.7	21.0	7.0	0.0
17.5°	98.3	78.2	58.1	38.4	21.3	7.1	0.0
15°	99.9	79.3	59.0	38.9	21.6	7.1	0.0
12.5°	101.2	80.2	59.8	39.4	21.9	7.2	0.0
10°	102.3	81.0	60.3	39.8	22.1	7.3	0.0
7.5°	103.2	81.5	60.8	40.0	22.2	7.3	0.0
5°	103.8	81.8	61.0	40.2	22.3	7.4	0.0
2.5°	104.2	82.0	61.2	40.2	22.3	7.4	0.0
0°	104.3	81.9	61.1	40.2	22.3	7.4	0.0
-2.5°	104.2	82.0	61.2	40.2	22.3	7.4	0.0
-5°	103.8	81.8	61.0	40.2	22.3	7.4	0.0
-7.5°	103.2	81.5	60.8	40.0	22.2	7.3	0.0
-10°	102.3	81.0	60.3	39.8	22.1	7.3	0.0
-12.5°	101.2	80.2	59.8	39.4	21.9	7.2	0.0
-15°	99.9	79.3	59.0	38.9	21.6	7.1	0.0
-17.5°	98.3	78.2	58.1	38.4	21.3	7.1	0.0
-20°	96.6	76.8	57.0	37.7	21.0	7.0	0.0

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CATALOG NUMBER: GFLD-SA1E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	94.8	75.3	55.8	37.0	20.5	6.8	0.0
-25°	92.6	73.5	54.5	36.1	20.0	6.7	0.0
-27.5°	90.3	71.5	53.0	35.1	19.5	6.6	0.0
-30°	87.6	69.3	51.3	34.1	18.8	6.4	0.0
-32.5°	84.8	67.0	49.4	33.0	18.2	6.2	0.0
-35°	81.7	64.4	47.5	31.7	17.5	6.1	0.0
-37.5°	78.5	61.7	45.3	30.4	16.7	5.9	0.0
-40°	75.0	58.9	43.1	29.0	15.8	5.7	0.0
-42.5°	71.2	55.9	40.9	27.5	14.9	5.5	0.0
-45°	67.3	52.9	38.8	25.9	14.0	5.2	0.0
-47.5°	63.2	49.7	36.5	24.2	13.0	5.0	0.0
-50°	59.2	46.4	34.1	22.6	12.0	4.8	0.0
-52.5°	55.2	43.0	31.6	20.9	10.9	4.5	0.0
-55°	51.0	39.7	29.1	19.2	9.8	4.2	0.0
-57.5°	46.8	36.4	26.4	17.4	8.6	4.0	0.0
-60°	42.4	32.9	23.7	15.5	7.4	3.7	0.0
-62.5°	38.1	29.3	21.2	13.7	6.8	3.4	0.0
-65°	33.6	25.7	18.6	11.7	6.2	3.1	0.0
-67.5°	29.1	22.2	16.0	9.8	5.7	2.8	0.0
-70°	24.4	18.8	13.3	7.8	5.1	2.5	0.0
-72.5°	20.3	15.5	10.6	6.7	4.4	2.2	0.0
-75°	16.2	12.1	7.9	5.7	3.8	1.9	0.0
-77.5°	12.1	8.6	6.4	4.8	3.2	1.6	0.0
-80°	7.9	6.4	5.1	3.8	2.6	1.3	0.0
-82.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
-85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)