

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: P626817 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-750-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626817 (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-750-U-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N34  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8139.7 lumens  
Efficiency: N/A  
Efficacy: 123.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V  
Max Intensity: 9563.8 candela  
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V  
Beam Lumens: 5402.6 lumens  
Beam Efficiency: 66.4%

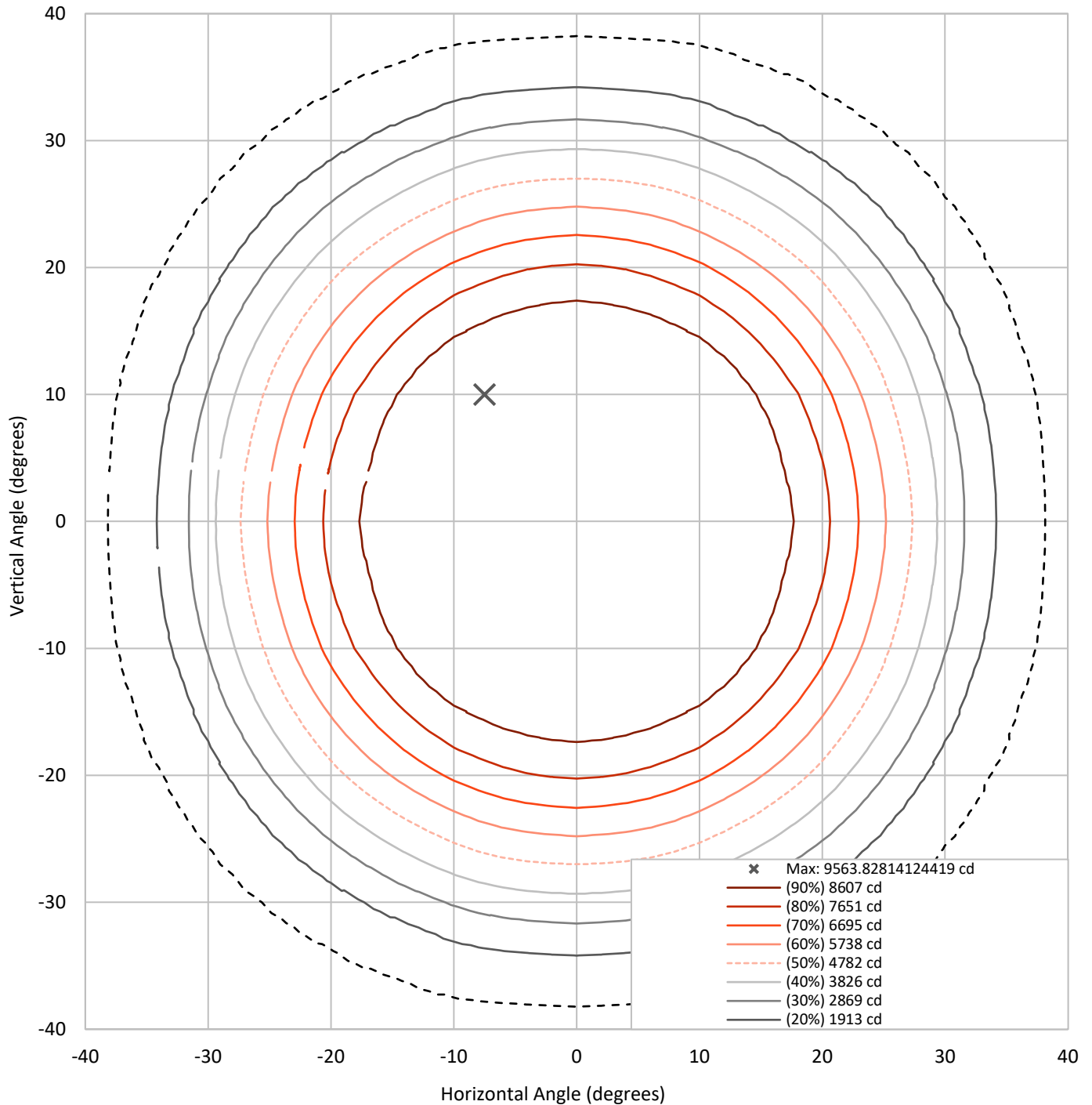
Field Angle (10%): 74.5°H x 75.5°V  
Field Lumens: 7025 lumens  
Field Efficiency: 86.3%

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



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CATALOG NUMBER: GFLD-SA1E-750-U-MWR-XX

### Iso-Candela Plot





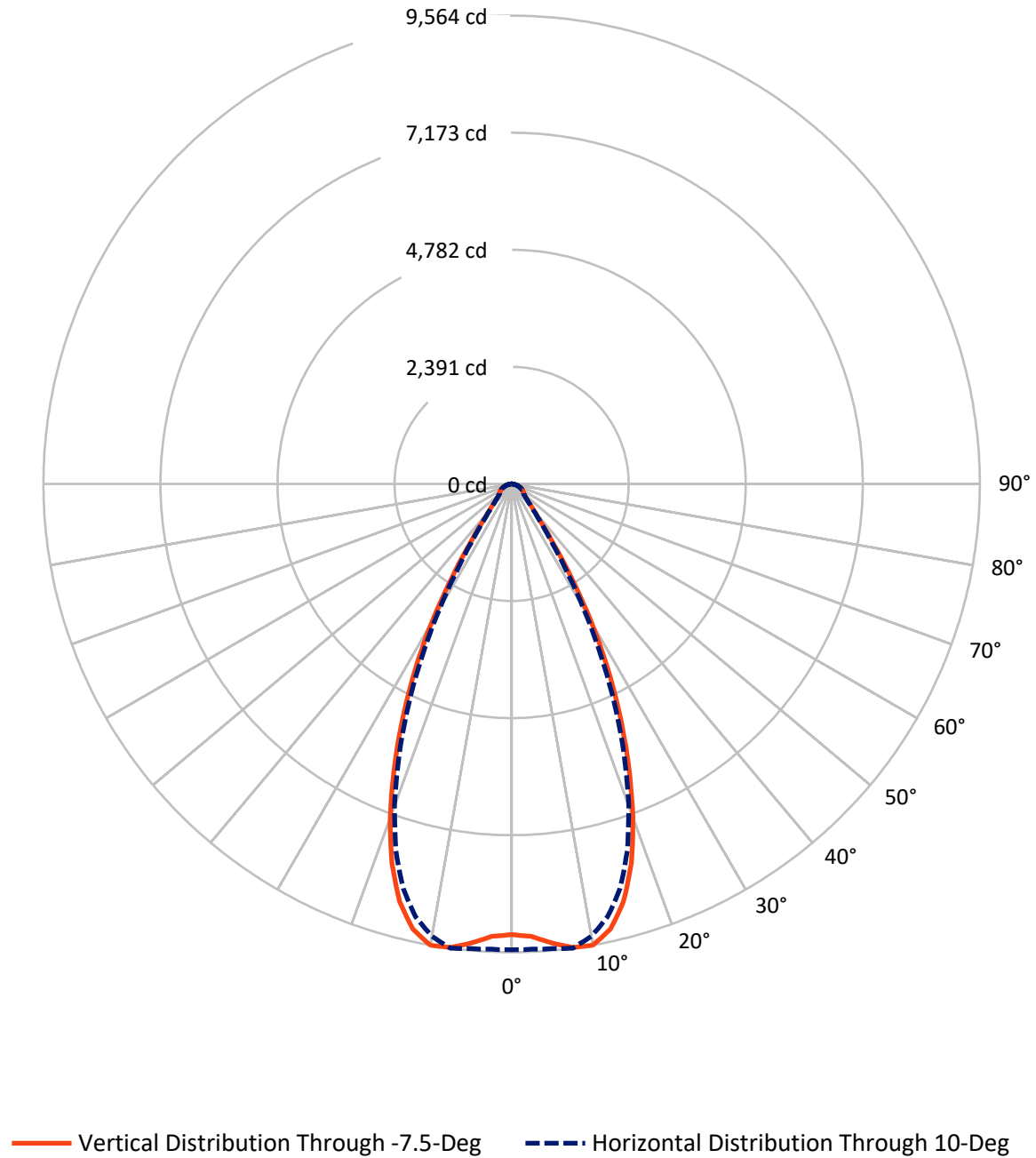
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### Lumen Table

90																			
80	0.2	1.9		5.1		8.1		9.0		8.1		5.1		1.9		0.2			
70																			
60	0.9	1.0	2.0	3.3	4.6	5.5	6.3	6.6	6.6	6.3	5.5	4.6	3.3	2.0	1.0	0.9			
50		1.5	2.9	4.7	6.3	7.6	8.5	8.9	8.9	8.5	7.6	6.3	4.7	2.9	1.5				
40	1.5	1.9	3.7	5.7	7.6	9.9	12.5	14.4	14.4	12.5	9.9	7.6	5.7	3.7	1.9	1.5			
30		2.2	4.3	6.6	10.1	18.5	35.4	52.5	52.5	35.4	18.5	10.1	6.6	4.3	2.2				
20	2.0	2.5	4.7	7.6	16.7	52.3	117.2	163.7	163.7	117.2	52.3	16.7	7.6	4.7	2.5	2.0			
10		2.7	5.0	9.1	30.1	111.4	212.7	266.2	266.2	212.7	111.4	30.1	9.1	5.0	2.7				
0	2.1	2.8	5.1	10.2	43.4	152.4	258.1	280.8	280.8	258.1	152.4	43.4	10.2	5.1	2.8	2.1			
-10		2.8	5.1	10.2	43.4	152.4	258.1	280.8	280.8	258.1	152.4	43.4	10.2	5.1	2.8				
-20	2.0	2.7	5.0	9.1	30.1	111.4	212.7	266.2	266.2	212.7	111.4	30.1	9.1	5.0	2.7	2.0			
-30		2.5	4.7	7.6	16.7	52.3	117.2	163.7	163.7	117.2	52.3	16.7	7.6	4.7	2.5				
-40	1.5	2.2	4.3	6.6	10.1	18.5	35.4	52.5	52.5	35.4	18.5	10.1	6.6	4.3	2.2	1.5			
-50		1.9	3.7	5.7	7.6	9.9	12.5	14.4	14.4	12.5	9.9	7.6	5.7	3.7	1.9				
-60	0.9	1.5	2.9	4.7	6.3	7.6	8.5	8.9	8.9	8.5	7.6	6.3	4.7	2.9	1.5	0.9			
-70		1.0	2.0	3.3	4.6	5.5	6.3	6.6	6.6	6.3	5.5	4.6	3.3	2.0	1.0				
-80																			
-90	0.2	1.9		5.1		8.1		9.0		8.1		5.1		1.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

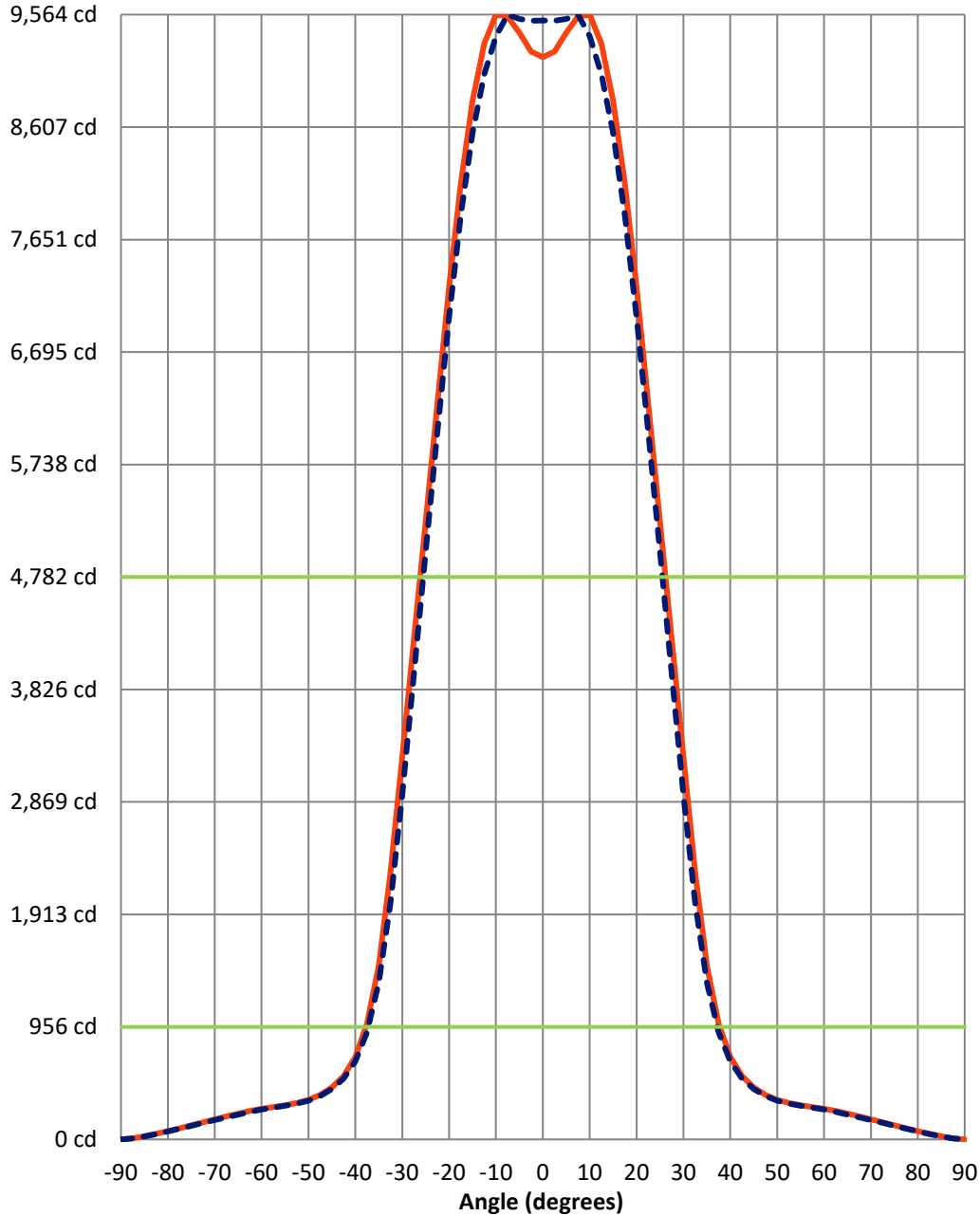
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 5402.6  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 7025  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 1114.7  
 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	0.4	0.7	1.1	1.5	1.8	2.2	2.6	3.1	3.7	4.2
85°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.3	6.3	7.3	8.4
82.5°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.9	9.6	12.1	14.4
80°	0.0	1.5	2.9	4.4	5.8	7.2	9.0	12.3	15.5	18.6	21.5
77.5°	0.0	1.8	3.6	5.4	7.2	9.8	13.6	17.6	21.5	25.1	29.0
75°	0.0	2.2	4.3	6.5	9.0	13.6	18.3	22.9	27.5	32.7	37.9
72.5°	0.0	2.5	5.0	7.6	12.0	17.5	22.9	28.4	34.6	40.8	46.8
70°	0.0	2.9	5.7	8.8	15.1	21.2	27.5	34.6	41.7	48.7	56.0
67.5°	0.0	3.2	6.4	11.1	18.0	25.0	32.7	40.8	48.7	56.9	65.3
65°	0.0	3.5	7.1	13.3	21.0	28.9	37.8	46.8	55.8	64.9	74.7
62.5°	0.0	3.9	7.7	15.4	23.8	33.0	42.8	52.7	62.6	73.0	84.8
60°	0.0	4.2	8.4	17.5	26.7	37.0	47.6	58.5	69.4	81.8	94.6
57.5°	0.0	4.5	9.7	19.6	29.7	40.9	52.5	64.2	76.7	90.3	103.9
55°	0.0	4.8	11.0	21.6	32.7	44.7	57.3	69.7	83.9	98.5	112.8
52.5°	0.0	5.1	12.3	23.5	35.6	48.3	62.0	75.8	90.9	106.2	121.4
50°	0.0	5.4	13.5	25.4	38.4	52.1	66.5	81.7	97.6	113.8	129.7
47.5°	0.0	5.7	14.7	27.3	41.0	55.8	71.0	87.4	104.0	121.0	137.8
45°	0.0	5.9	15.8	29.2	43.6	59.4	75.6	92.8	110.3	128.0	145.6
42.5°	0.0	6.2	16.9	31.0	46.0	62.8	80.0	97.9	116.2	134.7	152.9
40°	0.0	6.4	17.9	32.7	48.5	66.1	84.2	102.8	121.8	141.0	160.0
37.5°	0.0	6.7	18.8	34.2	51.0	69.3	88.1	107.4	127.3	147.2	166.8
35°	0.0	6.9	19.7	35.7	53.3	72.3	91.8	111.7	132.5	153.0	173.1
32.5°	0.0	7.1	20.5	37.1	55.6	75.2	95.3	115.7	137.4	158.3	178.7
30°	0.0	7.3	21.2	38.4	57.7	77.9	98.5	119.5	142.0	163.3	183.9
27.5°	0.0	7.5	21.9	39.5	59.5	80.4	101.4	123.2	146.2	167.8	188.7
25°	0.0	7.6	22.5	40.6	61.2	82.6	104.1	126.6	149.9	171.8	193.1
22.5°	0.0	7.8	23.1	41.6	62.7	84.6	106.5	129.8	153.2	175.3	197.1
20°	0.0	7.9	23.6	42.4	64.1	86.3	108.6	132.6	156.1	178.5	200.6
17.5°	0.0	8.0	24.0	43.2	65.3	87.8	110.5	135.1	158.7	181.3	203.7
15°	0.0	8.1	24.4	43.8	66.3	89.1	112.2	137.3	160.8	183.6	206.3
12.5°	0.0	8.2	24.7	44.3	67.1	90.2	113.7	139.3	162.8	185.6	208.5
10°	0.0	8.3	24.9	44.7	67.8	91.0	114.9	141.0	164.4	187.4	210.4
7.5°	0.0	8.3	25.0	45.0	68.2	91.6	115.9	142.3	165.7	188.9	212.1
5°	0.0	8.4	25.1	45.2	68.5	92.0	116.6	143.2	166.7	190.0	213.2
2.5°	0.0	8.4	25.1	45.3	68.7	92.2	117.1	143.7	167.2	190.6	214.0
0°	0.0	8.4	25.1	45.2	68.6	92.1	117.2	143.9	167.4	190.8	214.2
-2.5°	0.0	8.4	25.1	45.3	68.7	92.2	117.1	143.7	167.2	190.6	214.0
-5°	0.0	8.4	25.1	45.2	68.5	92.0	116.6	143.2	166.7	190.0	213.2
-7.5°	0.0	8.3	25.0	45.0	68.2	91.6	115.9	142.3	165.7	188.9	212.1
-10°	0.0	8.3	24.9	44.7	67.8	91.0	114.9	141.0	164.4	187.4	210.4
-12.5°	0.0	8.2	24.7	44.3	67.1	90.2	113.7	139.3	162.8	185.6	208.5
-15°	0.0	8.1	24.4	43.8	66.3	89.1	112.2	137.3	160.8	183.6	206.3
-17.5°	0.0	8.0	24.0	43.2	65.3	87.8	110.5	135.1	158.7	181.3	203.7
-20°	0.0	7.9	23.6	42.4	64.1	86.3	108.6	132.6	156.1	178.5	200.6

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CATALOG NUMBER: GFLD-SA1E-750-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	7.8	23.1	41.6	62.7	84.6	106.5	129.8	153.2	175.3	197.1
-25°	0.0	7.6	22.5	40.6	61.2	82.6	104.1	126.6	149.9	171.8	193.1
-27.5°	0.0	7.5	21.9	39.5	59.5	80.4	101.4	123.2	146.2	167.8	188.7
-30°	0.0	7.3	21.2	38.4	57.7	77.9	98.5	119.5	142.0	163.3	183.9
-32.5°	0.0	7.1	20.5	37.1	55.6	75.2	95.3	115.7	137.4	158.3	178.7
-35°	0.0	6.9	19.7	35.7	53.3	72.3	91.8	111.7	132.5	153.0	173.1
-37.5°	0.0	6.7	18.8	34.2	51.0	69.3	88.1	107.4	127.3	147.2	166.8
-40°	0.0	6.4	17.9	32.7	48.5	66.1	84.2	102.8	121.8	141.0	160.0
-42.5°	0.0	6.2	16.9	31.0	46.0	62.8	80.0	97.9	116.2	134.7	152.9
-45°	0.0	5.9	15.8	29.2	43.6	59.4	75.6	92.8	110.3	128.0	145.6
-47.5°	0.0	5.7	14.7	27.3	41.0	55.8	71.0	87.4	104.0	121.0	137.8
-50°	0.0	5.4	13.5	25.4	38.4	52.1	66.5	81.7	97.6	113.8	129.7
-52.5°	0.0	5.1	12.3	23.5	35.6	48.3	62.0	75.8	90.9	106.2	121.4
-55°	0.0	4.8	11.0	21.6	32.7	44.7	57.3	69.7	83.9	98.5	112.8
-57.5°	0.0	4.5	9.7	19.6	29.7	40.9	52.5	64.2	76.7	90.3	103.9
-60°	0.0	4.2	8.4	17.5	26.7	37.0	47.6	58.5	69.4	81.8	94.6
-62.5°	0.0	3.9	7.7	15.4	23.8	33.0	42.8	52.7	62.6	73.0	84.8
-65°	0.0	3.5	7.1	13.3	21.0	28.9	37.8	46.8	55.8	64.9	74.7
-67.5°	0.0	3.2	6.4	11.1	18.0	25.0	32.7	40.8	48.7	56.9	65.3
-70°	0.0	2.9	5.7	8.8	15.1	21.2	27.5	34.6	41.7	48.7	56.0
-72.5°	0.0	2.5	5.0	7.6	12.0	17.5	22.9	28.4	34.6	40.8	46.8
-75°	0.0	2.2	4.3	6.5	9.0	13.6	18.3	22.9	27.5	32.7	37.9
-77.5°	0.0	1.8	3.6	5.4	7.2	9.8	13.6	17.6	21.5	25.1	29.0
-80°	0.0	1.5	2.9	4.4	5.8	7.2	9.0	12.3	15.5	18.6	21.5
-82.5°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.9	9.6	12.1	14.4
-85°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.3	6.3	7.3	8.4
-87.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	3.1	3.7	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.4	7.7	7.9
85°	9.2	10.0	11.3	12.7	14.0	15.3	16.5	17.6	18.8	19.8	20.8
82.5°	16.6	18.8	21.0	23.2	25.2	27.1	29.0	30.9	32.8	34.6	36.5
80°	24.4	27.5	30.9	34.2	37.0	39.8	42.4	44.9	47.7	50.6	53.6
77.5°	33.4	37.7	41.8	45.5	49.2	53.2	57.0	60.8	64.6	68.4	72.0
75°	43.1	48.0	53.1	58.3	63.2	68.0	72.7	77.5	82.3	87.1	91.7
72.5°	53.0	59.3	65.4	71.4	77.5	83.5	89.3	94.9	100.6	106.5	112.1
70°	63.4	70.6	78.1	85.3	92.3	99.2	106.3	113.1	119.8	126.6	133.3
67.5°	73.9	82.8	91.3	99.4	107.5	115.8	123.7	131.9	139.7	147.6	155.2
65°	85.4	95.2	104.4	113.7	122.9	132.6	142.0	151.0	160.2	169.0	177.0
62.5°	96.7	107.1	117.3	127.8	138.8	149.6	159.9	170.3	180.9	190.2	198.3
60°	107.1	118.6	130.1	142.0	154.2	165.8	177.4	188.7	200.1	210.8	217.3
57.5°	117.1	129.8	142.5	155.4	168.2	181.3	193.4	205.8	216.4	225.4	233.0
55°	126.8	140.7	154.2	167.7	181.6	195.2	208.4	220.2	230.6	238.0	245.4
52.5°	136.3	150.9	164.9	179.5	194.2	208.7	222.4	233.4	241.9	249.6	256.4
50°	145.5	160.4	175.1	191.0	206.5	221.8	234.7	244.3	253.0	260.5	267.7
47.5°	154.2	169.6	185.4	202.0	218.4	233.2	245.1	255.1	264.0	272.0	280.6
45°	162.4	178.9	195.5	212.7	229.5	243.7	255.2	266.0	274.3	283.4	293.2
42.5°	170.5	187.8	205.2	223.0	239.9	253.2	264.7	274.6	284.3	295.1	306.9
40°	178.2	196.2	214.4	232.8	249.7	261.5	272.7	283.3	295.1	307.9	321.5
37.5°	185.4	204.0	223.0	242.1	256.9	269.1	280.6	292.4	306.1	320.9	339.4
35°	192.1	211.4	230.9	249.3	263.4	276.3	288.2	301.3	317.4	336.7	360.5
32.5°	198.3	218.2	238.3	255.2	269.4	282.8	295.1	311.4	330.6	353.6	387.3
30°	204.1	224.4	244.6	260.9	274.8	288.3	303.1	321.5	344.1	377.7	420.7
27.5°	209.4	230.0	249.5	265.7	279.6	293.5	310.9	333.2	362.8	402.9	456.5
25°	214.3	235.4	254.2	269.7	284.1	299.5	318.3	343.5	382.4	434.3	506.5
22.5°	218.7	240.3	258.8	273.2	288.2	304.9	327.0	358.4	403.3	463.8	557.0
20°	222.6	244.0	262.2	276.4	292.1	309.4	334.7	372.5	426.7	505.0	624.0
17.5°	226.1	247.2	264.7	279.6	295.9	314.6	342.2	384.7	447.5	541.0	691.8
15°	229.1	249.9	266.8	282.3	299.1	320.4	352.5	400.7	471.6	578.4	750.8
12.5°	231.6	252.2	268.6	284.5	301.8	325.3	361.4	415.8	496.7	624.4	837.9
10°	233.5	254.0	269.9	286.2	304.0	329.3	368.6	428.1	517.4	664.2	912.1
7.5°	235.3	255.3	270.8	287.4	305.5	332.2	374.1	437.6	533.3	695.5	970.8
5°	236.6	256.1	271.3	288.1	306.7	334.1	377.8	444.2	544.4	717.8	1012.2
2.5°	237.4	256.4	271.4	288.2	307.7	334.9	379.8	447.9	553.0	728.4	1034.4
0°	237.7	256.1	271.1	287.9	308.0	334.7	379.9	448.6	557.4	728.1	1037.7
-2.5°	237.4	256.4	271.4	288.2	307.7	334.9	379.8	447.9	553.0	728.4	1034.4
-5°	236.6	256.1	271.3	288.1	306.7	334.1	377.8	444.2	544.4	717.8	1012.2
-7.5°	235.3	255.3	270.8	287.4	305.5	332.2	374.1	437.6	533.3	695.5	970.8
-10°	233.5	254.0	269.9	286.2	304.0	329.3	368.6	428.1	517.4	664.2	912.1
-12.5°	231.6	252.2	268.6	284.5	301.8	325.3	361.4	415.8	496.7	624.4	837.9
-15°	229.1	249.9	266.8	282.3	299.1	320.4	352.5	400.7	471.6	578.4	750.8
-17.5°	226.1	247.2	264.7	279.6	295.9	314.6	342.2	384.7	447.5	541.0	691.8
-20°	222.6	244.0	262.2	276.4	292.1	309.4	334.7	372.5	426.7	505.0	624.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	218.7	240.3	258.8	273.2	288.2	304.9	327.0	358.4	403.3	463.8	557.0
-25°	214.3	235.4	254.2	269.7	284.1	299.5	318.3	343.5	382.4	434.3	506.5
-27.5°	209.4	230.0	249.5	265.7	279.6	293.5	310.9	333.2	362.8	402.9	456.5
-30°	204.1	224.4	244.6	260.9	274.8	288.3	303.1	321.5	344.1	377.7	420.7
-32.5°	198.3	218.2	238.3	255.2	269.4	282.8	295.1	311.4	330.6	353.6	387.3
-35°	192.1	211.4	230.9	249.3	263.4	276.3	288.2	301.3	317.4	336.7	360.5
-37.5°	185.4	204.0	223.0	242.1	256.9	269.1	280.6	292.4	306.1	320.9	339.4
-40°	178.2	196.2	214.4	232.8	249.7	261.5	272.7	283.3	295.1	307.9	321.5
-42.5°	170.5	187.8	205.2	223.0	239.9	253.2	264.7	274.6	284.3	295.1	306.9
-45°	162.4	178.9	195.5	212.7	229.5	243.7	255.2	266.0	274.3	283.4	293.2
-47.5°	154.2	169.6	185.4	202.0	218.4	233.2	245.1	255.1	264.0	272.0	280.6
-50°	145.5	160.4	175.1	191.0	206.5	221.8	234.7	244.3	253.0	260.5	267.7
-52.5°	136.3	150.9	164.9	179.5	194.2	208.7	222.4	233.4	241.9	249.6	256.4
-55°	126.8	140.7	154.2	167.7	181.6	195.2	208.4	220.2	230.6	238.0	245.4
-57.5°	117.1	129.8	142.5	155.4	168.2	181.3	193.4	205.8	216.4	225.4	233.0
-60°	107.1	118.6	130.1	142.0	154.2	165.8	177.4	188.7	200.1	210.8	217.3
-62.5°	96.7	107.1	117.3	127.8	138.8	149.6	159.9	170.3	180.9	190.2	198.3
-65°	85.4	95.2	104.4	113.7	122.9	132.6	142.0	151.0	160.2	169.0	177.0
-67.5°	73.9	82.8	91.3	99.4	107.5	115.8	123.7	131.9	139.7	147.6	155.2
-70°	63.4	70.6	78.1	85.3	92.3	99.2	106.3	113.1	119.8	126.6	133.3
-72.5°	53.0	59.3	65.4	71.4	77.5	83.5	89.3	94.9	100.6	106.5	112.1
-75°	43.1	48.0	53.1	58.3	63.2	68.0	72.7	77.5	82.3	87.1	91.7
-77.5°	33.4	37.7	41.8	45.5	49.2	53.2	57.0	60.8	64.6	68.4	72.0
-80°	24.4	27.5	30.9	34.2	37.0	39.8	42.4	44.9	47.7	50.6	53.6
-82.5°	16.6	18.8	21.0	23.2	25.2	27.1	29.0	30.9	32.8	34.6	36.5
-85°	9.2	10.0	11.3	12.7	14.0	15.3	16.5	17.6	18.8	19.8	20.8
-87.5°	4.6	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.4	7.7	7.9
-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: P626817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	8.2	8.1	8.0	7.8	7.6	8.1	8.6	9.2	9.7	9.4	9.1
85°	21.8	22.3	22.7	23.1	23.4	24.4	25.4	26.4	27.2	27.2	27.1
82.5°	38.4	39.6	40.6	41.6	42.4	43.6	44.7	45.6	46.4	47.0	47.5
80°	56.5	58.5	60.2	61.8	63.2	64.8	66.3	67.6	68.8	69.4	69.8
77.5°	75.6	78.6	81.2	83.7	86.1	88.5	90.6	92.5	94.2	94.5	94.4
75°	96.0	100.0	103.6	107.0	110.2	112.9	115.2	117.1	118.7	119.5	119.9
72.5°	117.4	122.2	126.5	130.4	133.8	136.6	139.0	141.2	142.9	144.1	144.7
70°	139.7	145.4	149.9	153.5	156.4	159.2	162.3	165.3	168.1	169.6	170.2
67.5°	162.1	168.0	172.1	175.5	178.1	180.8	184.7	188.3	191.4	193.6	194.9
65°	184.0	190.2	194.3	197.5	199.9	202.7	207.1	210.6	213.3	215.4	217.3
62.5°	205.6	211.9	216.5	220.3	223.8	226.9	230.4	233.4	235.7	237.8	240.1
60°	224.4	231.8	236.6	240.5	244.9	249.6	252.2	254.4	256.3	258.0	259.5
57.5°	239.7	246.4	252.5	257.2	261.7	266.1	269.2	271.3	272.9	274.2	274.7
55°	252.5	259.4	266.3	271.3	275.8	279.9	283.3	286.0	288.2	290.0	290.4
52.5°	264.0	271.7	278.5	284.3	290.2	295.0	298.8	302.4	305.7	308.2	309.3
50°	276.5	284.6	293.0	300.8	307.0	312.6	317.2	322.3	327.8	332.3	335.2
47.5°	289.7	299.0	309.1	318.7	326.1	334.3	341.9	349.6	359.7	368.3	374.6
45°	303.4	315.3	326.9	339.1	349.4	364.8	379.0	391.3	407.6	422.4	434.1
42.5°	319.6	334.5	348.8	368.3	388.7	409.7	432.4	451.8	477.2	503.1	524.0
40°	338.9	357.9	383.0	409.1	441.4	470.3	509.5	544.4	583.4	632.8	673.6
37.5°	362.0	391.4	426.2	462.7	513.0	561.0	625.8	694.0	756.0	851.0	931.0
35°	392.1	433.1	478.9	543.6	614.8	704.8	805.8	937.6	1050.7	1211.0	1364.2
32.5°	430.8	483.5	558.5	658.2	763.4	926.9	1087.2	1316.0	1528.0	1782.1	2056.3
30°	474.0	554.2	668.6	805.5	1001.7	1242.2	1524.8	1876.3	2261.0	2618.1	2970.0
27.5°	536.4	651.4	801.7	1022.6	1328.5	1664.9	2160.0	2637.1	3134.9	3577.4	3946.4
25°	609.4	761.3	993.8	1319.0	1732.7	2308.8	2901.4	3490.3	4025.6	4488.9	4896.7
22.5°	703.6	922.1	1232.0	1653.3	2297.5	2988.0	3682.9	4332.4	4903.5	5419.3	5860.7
20°	806.1	1079.5	1522.2	2150.3	2886.9	3673.7	4458.3	5150.1	5778.9	6363.8	6861.3
17.5°	936.0	1318.9	1879.4	2632.9	3484.6	4346.6	5170.9	5921.7	6635.1	7254.0	7773.7
15°	1046.7	1529.7	2261.2	3145.0	4066.2	4975.5	5845.7	6661.3	7402.9	8037.9	8526.6
12.5°	1194.4	1766.0	2600.3	3585.2	4583.5	5540.2	6456.9	7299.8	8054.5	8682.6	9063.0
10°	1333.9	2010.6	2927.9	3955.1	4992.2	6011.6	6990.3	7854.8	8555.6	9055.2	9379.4
7.5°	1452.6	2220.8	3194.5	4254.1	5316.9	6382.7	7373.5	8214.6	8860.7	9277.9	9503.6
5°	1541.2	2377.9	3392.4	4497.0	5587.7	6672.2	7655.2	8444.8	9003.2	9313.2	9426.5
2.5°	1597.6	2470.2	3507.2	4656.4	5768.9	6855.3	7848.4	8625.6	9099.4	9304.9	9324.4
0°	1620.2	2482.1	3524.9	4740.0	5814.6	6907.5	7903.4	8700.1	9135.2	9304.3	9300.9
-2.5°	1597.6	2470.2	3507.2	4656.4	5768.9	6855.3	7848.4	8625.6	9099.4	9304.9	9324.4
-5°	1541.2	2377.9	3392.4	4497.0	5587.7	6672.2	7655.2	8444.8	9003.2	9313.2	9426.5
-7.5°	1452.6	2220.8	3194.5	4254.1	5316.9	6382.7	7373.5	8214.6	8860.7	9277.9	9503.6
-10°	1333.9	2010.6	2927.9	3955.1	4992.2	6011.6	6990.3	7854.8	8555.6	9055.2	9379.4
-12.5°	1194.4	1766.0	2600.3	3585.2	4583.5	5540.2	6456.9	7299.8	8054.5	8682.6	9063.0
-15°	1046.7	1529.7	2261.2	3145.0	4066.2	4975.5	5845.7	6661.3	7402.9	8037.9	8526.6
-17.5°	936.0	1318.9	1879.4	2632.9	3484.6	4346.6	5170.9	5921.7	6635.1	7254.0	7773.7
-20°	806.1	1079.5	1522.2	2150.3	2886.9	3673.7	4458.3	5150.1	5778.9	6363.8	6861.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	703.6	922.1	1232.0	1653.3	2297.5	2988.0	3682.9	4332.4	4903.5	5419.3	5860.7
-25°	609.4	761.3	993.8	1319.0	1732.7	2308.8	2901.4	3490.3	4025.6	4488.9	4896.7
-27.5°	536.4	651.4	801.7	1022.6	1328.5	1664.9	2160.0	2637.1	3134.9	3577.4	3946.4
-30°	474.0	554.2	668.6	805.5	1001.7	1242.2	1524.8	1876.3	2261.0	2618.1	2970.0
-32.5°	430.8	483.5	558.5	658.2	763.4	926.9	1087.2	1316.0	1528.0	1782.1	2056.3
-35°	392.1	433.1	478.9	543.6	614.8	704.8	805.8	937.6	1050.7	1211.0	1364.2
-37.5°	362.0	391.4	426.2	462.7	513.0	561.0	625.8	694.0	756.0	851.0	931.0
-40°	338.9	357.9	383.0	409.1	441.4	470.3	509.5	544.4	583.4	632.8	673.6
-42.5°	319.6	334.5	348.8	368.3	388.7	409.7	432.4	451.8	477.2	503.1	524.0
-45°	303.4	315.3	326.9	339.1	349.4	364.8	379.0	391.3	407.6	422.4	434.1
-47.5°	289.7	299.0	309.1	318.7	326.1	334.3	341.9	349.6	359.7	368.3	374.6
-50°	276.5	284.6	293.0	300.8	307.0	312.6	317.2	322.3	327.8	332.3	335.2
-52.5°	264.0	271.7	278.5	284.3	290.2	295.0	298.8	302.4	305.7	308.2	309.3
-55°	252.5	259.4	266.3	271.3	275.8	279.9	283.3	286.0	288.2	290.0	290.4
-57.5°	239.7	246.4	252.5	257.2	261.7	266.1	269.2	271.3	272.9	274.2	274.7
-60°	224.4	231.8	236.6	240.5	244.9	249.6	252.2	254.4	256.3	258.0	259.5
-62.5°	205.6	211.9	216.5	220.3	223.8	226.9	230.4	233.4	235.7	237.8	240.1
-65°	184.0	190.2	194.3	197.5	199.9	202.7	207.1	210.6	213.3	215.4	217.3
-67.5°	162.1	168.0	172.1	175.5	178.1	180.8	184.7	188.3	191.4	193.6	194.9
-70°	139.7	145.4	149.9	153.5	156.4	159.2	162.3	165.3	168.1	169.6	170.2
-72.5°	117.4	122.2	126.5	130.4	133.8	136.6	139.0	141.2	142.9	144.1	144.7
-75°	96.0	100.0	103.6	107.0	110.2	112.9	115.2	117.1	118.7	119.5	119.9
-77.5°	75.6	78.6	81.2	83.7	86.1	88.5	90.6	92.5	94.2	94.5	94.4
-80°	56.5	58.5	60.2	61.8	63.2	64.8	66.3	67.6	68.8	69.4	69.8
-82.5°	38.4	39.6	40.6	41.6	42.4	43.6	44.7	45.6	46.4	47.0	47.5
-85°	21.8	22.3	22.7	23.1	23.4	24.4	25.4	26.4	27.2	27.2	27.1
-87.5°	8.2	8.1	8.0	7.8	7.6	8.1	8.6	9.2	9.7	9.4	9.1
-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: P626817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	8.7	8.4	8.4	8.4	8.4	8.4	8.7	9.1	9.4	9.7	9.2
85°	26.9	26.7	25.9	25.1	25.9	26.7	26.9	27.1	27.2	27.2	26.4
82.5°	48.0	48.3	47.6	46.9	47.6	48.3	48.0	47.5	47.0	46.4	45.6
80°	70.0	70.0	69.4	68.6	69.4	70.0	70.0	69.8	69.4	68.8	67.6
77.5°	94.0	93.3	93.6	93.7	93.6	93.3	94.0	94.4	94.5	94.2	92.5
75°	120.1	119.9	119.5	118.8	119.5	119.9	120.1	119.9	119.5	118.7	117.1
72.5°	145.0	145.0	144.6	143.9	144.6	145.0	145.0	144.7	144.1	142.9	141.2
70°	170.4	170.1	170.5	170.7	170.5	170.1	170.4	170.2	169.6	168.1	165.3
67.5°	195.9	196.6	196.5	195.8	196.5	196.6	195.9	194.9	193.6	191.4	188.3
65°	218.8	220.0	220.7	220.9	220.7	220.0	218.8	217.3	215.4	213.3	210.6
62.5°	242.0	243.3	243.4	242.7	243.4	243.3	242.0	240.1	237.8	235.7	233.4
60°	260.3	260.5	260.2	259.4	260.2	260.5	260.3	259.5	258.0	256.3	254.4
57.5°	274.7	274.2	273.6	272.8	273.6	274.2	274.7	274.7	274.2	272.9	271.3
55°	290.2	289.4	288.7	287.9	288.7	289.4	290.2	290.4	290.0	288.2	286.0
52.5°	309.6	309.1	308.7	308.0	308.7	309.1	309.6	309.3	308.2	305.7	302.4
50°	336.6	337.0	337.0	336.4	337.0	337.0	336.6	335.2	332.3	327.8	322.3
47.5°	378.6	380.9	382.4	383.3	382.4	380.9	378.6	374.6	368.3	359.7	349.6
45°	441.6	446.1	449.2	451.9	449.2	446.1	441.6	434.1	422.4	407.6	391.3
42.5°	538.8	548.8	553.6	552.3	553.6	548.8	538.8	524.0	503.1	477.2	451.8
40°	700.8	717.0	725.9	733.1	725.9	717.0	700.8	673.6	632.8	583.4	544.4
37.5°	985.6	1016.9	1033.4	1047.8	1033.4	1016.9	985.6	931.0	851.0	756.0	694.0
35°	1478.7	1549.2	1586.9	1600.1	1586.9	1549.2	1478.7	1364.2	1211.0	1050.7	937.6
32.5°	2269.7	2399.8	2471.8	2527.3	2471.8	2399.8	2269.7	2056.3	1782.1	1528.0	1316.0
30°	3248.7	3420.1	3515.2	3561.7	3515.2	3420.1	3248.7	2970.0	2618.1	2261.0	1876.3
27.5°	4252.4	4447.2	4549.8	4544.2	4549.8	4447.2	4252.4	3946.4	3577.4	3134.9	2637.1
25°	5246.2	5471.9	5574.1	5665.6	5574.1	5471.9	5246.2	4896.7	4488.9	4025.6	3490.3
22.5°	6251.4	6515.3	6659.3	6726.7	6659.3	6515.3	6251.4	5860.7	5419.3	4903.5	4332.4
20°	7244.7	7538.4	7691.2	7757.8	7691.2	7538.4	7244.7	6861.3	6363.8	5778.9	5150.1
17.5°	8125.6	8412.3	8558.0	8619.7	8558.0	8412.3	8125.6	7773.7	7254.0	6635.1	5921.7
15°	8829.0	9040.5	9164.3	9197.2	9164.3	9040.5	8829.0	8526.6	8037.9	7402.9	6661.3
12.5°	9315.2	9397.2	9456.8	9475.0	9456.8	9397.2	9315.2	9063.0	8682.6	8054.5	7299.8
10°	9563.8	9526.8	9511.6	9513.5	9511.6	9526.8	9563.8	9379.4	9055.2	8555.6	7854.8
7.5°	9546.7	9492.0	9382.0	9364.5	9382.0	9492.0	9546.7	9503.6	9277.9	8860.7	8214.6
5°	9409.5	9309.9	9127.5	9075.0	9127.5	9309.9	9409.5	9426.5	9313.2	9003.2	8444.8
2.5°	9249.7	9070.0	8902.0	8793.8	8902.0	9070.0	9249.7	9324.4	9304.9	9099.4	8625.6
0°	9202.2	8994.6	8777.1	8706.8	8777.1	8994.6	9202.2	9300.9	9304.3	9135.2	8700.1
-2.5°	9249.7	9070.0	8902.0	8793.8	8902.0	9070.0	9249.7	9324.4	9304.9	9099.4	8625.6
-5°	9409.5	9309.9	9127.5	9075.0	9127.5	9309.9	9409.5	9426.5	9313.2	9003.2	8444.8
-7.5°	9546.7	9492.0	9382.0	9364.5	9382.0	9492.0	9546.7	9503.6	9277.9	8860.7	8214.6
-10°	9563.8	9526.8	9511.6	9513.5	9511.6	9526.8	9563.8	9379.4	9055.2	8555.6	7854.8
-12.5°	9315.2	9397.2	9456.8	9475.0	9456.8	9397.2	9315.2	9063.0	8682.6	8054.5	7299.8
-15°	8829.0	9040.5	9164.3	9197.2	9164.3	9040.5	8829.0	8526.6	8037.9	7402.9	6661.3
-17.5°	8125.6	8412.3	8558.0	8619.7	8558.0	8412.3	8125.6	7773.7	7254.0	6635.1	5921.7
-20°	7244.7	7538.4	7691.2	7757.8	7691.2	7538.4	7244.7	6861.3	6363.8	5778.9	5150.1



REPORT NUMBER: P626817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	6251.4	6515.3	6659.3	6726.7	6659.3	6515.3	6251.4	5860.7	5419.3	4903.5	4332.4
-25°	5246.2	5471.9	5574.1	5665.6	5574.1	5471.9	5246.2	4896.7	4488.9	4025.6	3490.3
-27.5°	4252.4	4447.2	4549.8	4544.2	4549.8	4447.2	4252.4	3946.4	3577.4	3134.9	2637.1
-30°	3248.7	3420.1	3515.2	3561.7	3515.2	3420.1	3248.7	2970.0	2618.1	2261.0	1876.3
-32.5°	2269.7	2399.8	2471.8	2527.3	2471.8	2399.8	2269.7	2056.3	1782.1	1528.0	1316.0
-35°	1478.7	1549.2	1586.9	1600.1	1586.9	1549.2	1478.7	1364.2	1211.0	1050.7	937.6
-37.5°	985.6	1016.9	1033.4	1047.8	1033.4	1016.9	985.6	931.0	851.0	756.0	694.0
-40°	700.8	717.0	725.9	733.1	725.9	717.0	700.8	673.6	632.8	583.4	544.4
-42.5°	538.8	548.8	553.6	552.3	553.6	548.8	538.8	524.0	503.1	477.2	451.8
-45°	441.6	446.1	449.2	451.9	449.2	446.1	441.6	434.1	422.4	407.6	391.3
-47.5°	378.6	380.9	382.4	383.3	382.4	380.9	378.6	374.6	368.3	359.7	349.6
-50°	336.6	337.0	337.0	336.4	337.0	337.0	336.6	335.2	332.3	327.8	322.3
-52.5°	309.6	309.1	308.7	308.0	308.7	309.1	309.6	309.3	308.2	305.7	302.4
-55°	290.2	289.4	288.7	287.9	288.7	289.4	290.2	290.4	290.0	288.2	286.0
-57.5°	274.7	274.2	273.6	272.8	273.6	274.2	274.7	274.7	274.2	272.9	271.3
-60°	260.3	260.5	260.2	259.4	260.2	260.5	260.3	259.5	258.0	256.3	254.4
-62.5°	242.0	243.3	243.4	242.7	243.4	243.3	242.0	240.1	237.8	235.7	233.4
-65°	218.8	220.0	220.7	220.9	220.7	220.0	218.8	217.3	215.4	213.3	210.6
-67.5°	195.9	196.6	196.5	195.8	196.5	196.6	195.9	194.9	193.6	191.4	188.3
-70°	170.4	170.1	170.5	170.7	170.5	170.1	170.4	170.2	169.6	168.1	165.3
-72.5°	145.0	145.0	144.6	143.9	144.6	145.0	145.0	144.7	144.1	142.9	141.2
-75°	120.1	119.9	119.5	118.8	119.5	119.9	120.1	119.9	119.5	118.7	117.1
-77.5°	94.0	93.3	93.6	93.7	93.6	93.3	94.0	94.4	94.5	94.2	92.5
-80°	70.0	70.0	69.4	68.6	69.4	70.0	70.0	69.8	69.4	68.8	67.6
-82.5°	48.0	48.3	47.6	46.9	47.6	48.3	48.0	47.5	47.0	46.4	45.6
-85°	26.9	26.7	25.9	25.1	25.9	26.7	26.9	27.1	27.2	27.2	26.4
-87.5°	8.7	8.4	8.4	8.4	8.4	8.4	8.7	9.1	9.4	9.7	9.2
-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: P626817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	8.6	8.1	7.6	7.8	8.0	8.1	8.2	7.9	7.7	7.4	7.1
85°	25.4	24.4	23.4	23.1	22.7	22.3	21.8	20.8	19.8	18.8	17.6
82.5°	44.7	43.6	42.4	41.6	40.6	39.6	38.4	36.5	34.6	32.8	30.9
80°	66.3	64.8	63.2	61.8	60.2	58.5	56.5	53.6	50.6	47.7	44.9
77.5°	90.6	88.5	86.1	83.7	81.2	78.6	75.6	72.0	68.4	64.6	60.8
75°	115.2	112.9	110.2	107.0	103.6	100.0	96.0	91.7	87.1	82.3	77.5
72.5°	139.0	136.6	133.8	130.4	126.5	122.2	117.4	112.1	106.5	100.6	94.9
70°	162.3	159.2	156.4	153.5	149.9	145.4	139.7	133.3	126.6	119.8	113.1
67.5°	184.7	180.8	178.1	175.5	172.1	168.0	162.1	155.2	147.6	139.7	131.9
65°	207.1	202.7	199.9	197.5	194.3	190.2	184.0	177.0	169.0	160.2	151.0
62.5°	230.4	226.9	223.8	220.3	216.5	211.9	205.6	198.3	190.2	180.9	170.3
60°	252.2	249.6	244.9	240.5	236.6	231.8	224.4	217.3	210.8	200.1	188.7
57.5°	269.2	266.1	261.7	257.2	252.5	246.4	239.7	233.0	225.4	216.4	205.8
55°	283.3	279.9	275.8	271.3	266.3	259.4	252.5	245.4	238.0	230.6	220.2
52.5°	298.8	295.0	290.2	284.3	278.5	271.7	264.0	256.4	249.6	241.9	233.4
50°	317.2	312.6	307.0	300.8	293.0	284.6	276.5	267.7	260.5	253.0	244.3
47.5°	341.9	334.3	326.1	318.7	309.1	299.0	289.7	280.6	272.0	264.0	255.1
45°	379.0	364.8	349.4	339.1	326.9	315.3	303.4	293.2	283.4	274.3	266.0
42.5°	432.4	409.7	388.7	368.3	348.8	334.5	319.6	306.9	295.1	284.3	274.6
40°	509.5	470.3	441.4	409.1	383.0	357.9	338.9	321.5	307.9	295.1	283.3
37.5°	625.8	561.0	513.0	462.7	426.2	391.4	362.0	339.4	320.9	306.1	292.4
35°	805.8	704.8	614.8	543.6	478.9	433.1	392.1	360.5	336.7	317.4	301.3
32.5°	1087.2	926.9	763.4	658.2	558.5	483.5	430.8	387.3	353.6	330.6	311.4
30°	1524.8	1242.2	1001.7	805.5	668.6	554.2	474.0	420.7	377.7	344.1	321.5
27.5°	2160.0	1664.9	1328.5	1022.6	801.7	651.4	536.4	456.5	402.9	362.8	333.2
25°	2901.4	2308.8	1732.7	1319.0	993.8	761.3	609.4	506.5	434.3	382.4	343.5
22.5°	3682.9	2988.0	2297.5	1653.3	1232.0	922.1	703.6	557.0	463.8	403.3	358.4
20°	4458.3	3673.7	2886.9	2150.3	1522.2	1079.5	806.1	624.0	505.0	426.7	372.5
17.5°	5170.9	4346.6	3484.6	2632.9	1879.4	1318.9	936.0	691.8	541.0	447.5	384.7
15°	5845.7	4975.5	4066.2	3145.0	2261.2	1529.7	1046.7	750.8	578.4	471.6	400.7
12.5°	6456.9	5540.2	4583.5	3585.2	2600.3	1766.0	1194.4	837.9	624.4	496.7	415.8
10°	6990.3	6011.6	4992.2	3955.1	2927.9	2010.6	1333.9	912.1	664.2	517.4	428.1
7.5°	7373.5	6382.7	5316.9	4254.1	3194.5	2220.8	1452.6	970.8	695.5	533.3	437.6
5°	7655.2	6672.2	5587.7	4497.0	3392.4	2377.9	1541.2	1012.2	717.8	544.4	444.2
2.5°	7848.4	6855.3	5768.9	4656.4	3507.2	2470.2	1597.6	1034.4	728.4	553.0	447.9
0°	7903.4	6907.5	5814.6	4740.0	3524.9	2482.1	1620.2	1037.7	728.1	557.4	448.6
-2.5°	7848.4	6855.3	5768.9	4656.4	3507.2	2470.2	1597.6	1034.4	728.4	553.0	447.9
-5°	7655.2	6672.2	5587.7	4497.0	3392.4	2377.9	1541.2	1012.2	717.8	544.4	444.2
-7.5°	7373.5	6382.7	5316.9	4254.1	3194.5	2220.8	1452.6	970.8	695.5	533.3	437.6
-10°	6990.3	6011.6	4992.2	3955.1	2927.9	2010.6	1333.9	912.1	664.2	517.4	428.1
-12.5°	6456.9	5540.2	4583.5	3585.2	2600.3	1766.0	1194.4	837.9	624.4	496.7	415.8
-15°	5845.7	4975.5	4066.2	3145.0	2261.2	1529.7	1046.7	750.8	578.4	471.6	400.7
-17.5°	5170.9	4346.6	3484.6	2632.9	1879.4	1318.9	936.0	691.8	541.0	447.5	384.7
-20°	4458.3	3673.7	2886.9	2150.3	1522.2	1079.5	806.1	624.0	505.0	426.7	372.5



REPORT NUMBER: P626817 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3682.9	2988.0	2297.5	1653.3	1232.0	922.1	703.6	557.0	463.8	403.3	358.4
-25°	2901.4	2308.8	1732.7	1319.0	993.8	761.3	609.4	506.5	434.3	382.4	343.5
-27.5°	2160.0	1664.9	1328.5	1022.6	801.7	651.4	536.4	456.5	402.9	362.8	333.2
-30°	1524.8	1242.2	1001.7	805.5	668.6	554.2	474.0	420.7	377.7	344.1	321.5
-32.5°	1087.2	926.9	763.4	658.2	558.5	483.5	430.8	387.3	353.6	330.6	311.4
-35°	805.8	704.8	614.8	543.6	478.9	433.1	392.1	360.5	336.7	317.4	301.3
-37.5°	625.8	561.0	513.0	462.7	426.2	391.4	362.0	339.4	320.9	306.1	292.4
-40°	509.5	470.3	441.4	409.1	383.0	357.9	338.9	321.5	307.9	295.1	283.3
-42.5°	432.4	409.7	388.7	368.3	348.8	334.5	319.6	306.9	295.1	284.3	274.6
-45°	379.0	364.8	349.4	339.1	326.9	315.3	303.4	293.2	283.4	274.3	266.0
-47.5°	341.9	334.3	326.1	318.7	309.1	299.0	289.7	280.6	272.0	264.0	255.1
-50°	317.2	312.6	307.0	300.8	293.0	284.6	276.5	267.7	260.5	253.0	244.3
-52.5°	298.8	295.0	290.2	284.3	278.5	271.7	264.0	256.4	249.6	241.9	233.4
-55°	283.3	279.9	275.8	271.3	266.3	259.4	252.5	245.4	238.0	230.6	220.2
-57.5°	269.2	266.1	261.7	257.2	252.5	246.4	239.7	233.0	225.4	216.4	205.8
-60°	252.2	249.6	244.9	240.5	236.6	231.8	224.4	217.3	210.8	200.1	188.7
-62.5°	230.4	226.9	223.8	220.3	216.5	211.9	205.6	198.3	190.2	180.9	170.3
-65°	207.1	202.7	199.9	197.5	194.3	190.2	184.0	177.0	169.0	160.2	151.0
-67.5°	184.7	180.8	178.1	175.5	172.1	168.0	162.1	155.2	147.6	139.7	131.9
-70°	162.3	159.2	156.4	153.5	149.9	145.4	139.7	133.3	126.6	119.8	113.1
-72.5°	139.0	136.6	133.8	130.4	126.5	122.2	117.4	112.1	106.5	100.6	94.9
-75°	115.2	112.9	110.2	107.0	103.6	100.0	96.0	91.7	87.1	82.3	77.5
-77.5°	90.6	88.5	86.1	83.7	81.2	78.6	75.6	72.0	68.4	64.6	60.8
-80°	66.3	64.8	63.2	61.8	60.2	58.5	56.5	53.6	50.6	47.7	44.9
-82.5°	44.7	43.6	42.4	41.6	40.6	39.6	38.4	36.5	34.6	32.8	30.9
-85°	25.4	24.4	23.4	23.1	22.7	22.3	21.8	20.8	19.8	18.8	17.6
-87.5°	8.6	8.1	7.6	7.8	8.0	8.1	8.2	7.9	7.7	7.4	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: P626817 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-750-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°	6.8	6.4	6.1	5.7	5.4	5.0	4.6	4.2	3.7	3.1	2.6
85°	16.5	15.3	14.0	12.7	11.3	10.0	9.2	8.4	7.3	6.3	5.3
82.5°	29.0	27.1	25.2	23.2	21.0	18.8	16.6	14.4	12.1	9.6	7.9
80°	42.4	39.8	37.0	34.2	30.9	27.5	24.4	21.5	18.6	15.5	12.3
77.5°	57.0	53.2	49.2	45.5	41.8	37.7	33.4	29.0	25.1	21.5	17.6
75°	72.7	68.0	63.2	58.3	53.1	48.0	43.1	37.9	32.7	27.5	22.9
72.5°	89.3	83.5	77.5	71.4	65.4	59.3	53.0	46.8	40.8	34.6	28.4
70°	106.3	99.2	92.3	85.3	78.1	70.6	63.4	56.0	48.7	41.7	34.6
67.5°	123.7	115.8	107.5	99.4	91.3	82.8	73.9	65.3	56.9	48.7	40.8
65°	142.0	132.6	122.9	113.7	104.4	95.2	85.4	74.7	64.9	55.8	46.8
62.5°	159.9	149.6	138.8	127.8	117.3	107.1	96.7	84.8	73.0	62.6	52.7
60°	177.4	165.8	154.2	142.0	130.1	118.6	107.1	94.6	81.8	69.4	58.5
57.5°	193.4	181.3	168.2	155.4	142.5	129.8	117.1	103.9	90.3	76.7	64.2
55°	208.4	195.2	181.6	167.7	154.2	140.7	126.8	112.8	98.5	83.9	69.7
52.5°	222.4	208.7	194.2	179.5	164.9	150.9	136.3	121.4	106.2	90.9	75.8
50°	234.7	221.8	206.5	191.0	175.1	160.4	145.5	129.7	113.8	97.6	81.7
47.5°	245.1	233.2	218.4	202.0	185.4	169.6	154.2	137.8	121.0	104.0	87.4
45°	255.2	243.7	229.5	212.7	195.5	178.9	162.4	145.6	128.0	110.3	92.8
42.5°	264.7	253.2	239.9	223.0	205.2	187.8	170.5	152.9	134.7	116.2	97.9
40°	272.7	261.5	249.7	232.8	214.4	196.2	178.2	160.0	141.0	121.8	102.8
37.5°	280.6	269.1	256.9	242.1	223.0	204.0	185.4	166.8	147.2	127.3	107.4
35°	288.2	276.3	263.4	249.3	230.9	211.4	192.1	173.1	153.0	132.5	111.7
32.5°	295.1	282.8	269.4	255.2	238.3	218.2	198.3	178.7	158.3	137.4	115.7
30°	303.1	288.3	274.8	260.9	244.6	224.4	204.1	183.9	163.3	142.0	119.5
27.5°	310.9	293.5	279.6	265.7	249.5	230.0	209.4	188.7	167.8	146.2	123.2
25°	318.3	299.5	284.1	269.7	254.2	235.4	214.3	193.1	171.8	149.9	126.6
22.5°	327.0	304.9	288.2	273.2	258.8	240.3	218.7	197.1	175.3	153.2	129.8
20°	334.7	309.4	292.1	276.4	262.2	244.0	222.6	200.6	178.5	156.1	132.6
17.5°	342.2	314.6	295.9	279.6	264.7	247.2	226.1	203.7	181.3	158.7	135.1
15°	352.5	320.4	299.1	282.3	266.8	249.9	229.1	206.3	183.6	160.8	137.3
12.5°	361.4	325.3	301.8	284.5	268.6	252.2	231.6	208.5	185.6	162.8	139.3
10°	368.6	329.3	304.0	286.2	269.9	254.0	233.5	210.4	187.4	164.4	141.0
7.5°	374.1	332.2	305.5	287.4	270.8	255.3	235.3	212.1	188.9	165.7	142.3
5°	377.8	334.1	306.7	288.1	271.3	256.1	236.6	213.2	190.0	166.7	143.2
2.5°	379.8	334.9	307.7	288.2	271.4	256.4	237.4	214.0	190.6	167.2	143.7
0°	379.9	334.7	308.0	287.9	271.1	256.1	237.7	214.2	190.8	167.4	143.9
-2.5°	379.8	334.9	307.7	288.2	271.4	256.4	237.4	214.0	190.6	167.2	143.7
-5°	377.8	334.1	306.7	288.1	271.3	256.1	236.6	213.2	190.0	166.7	143.2
-7.5°	374.1	332.2	305.5	287.4	270.8	255.3	235.3	212.1	188.9	165.7	142.3
-10°	368.6	329.3	304.0	286.2	269.9	254.0	233.5	210.4	187.4	164.4	141.0
-12.5°	361.4	325.3	301.8	284.5	268.6	252.2	231.6	208.5	185.6	162.8	139.3
-15°	352.5	320.4	299.1	282.3	266.8	249.9	229.1	206.3	183.6	160.8	137.3
-17.5°	342.2	314.6	295.9	279.6	264.7	247.2	226.1	203.7	181.3	158.7	135.1
-20°	334.7	309.4	292.1	276.4	262.2	244.0	222.6	200.6	178.5	156.1	132.6

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626817 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	327.0	304.9	288.2	273.2	258.8	240.3	218.7	197.1	175.3	153.2	129.8
-25°	318.3	299.5	284.1	269.7	254.2	235.4	214.3	193.1	171.8	149.9	126.6
-27.5°	310.9	293.5	279.6	265.7	249.5	230.0	209.4	188.7	167.8	146.2	123.2
-30°	303.1	288.3	274.8	260.9	244.6	224.4	204.1	183.9	163.3	142.0	119.5
-32.5°	295.1	282.8	269.4	255.2	238.3	218.2	198.3	178.7	158.3	137.4	115.7
-35°	288.2	276.3	263.4	249.3	230.9	211.4	192.1	173.1	153.0	132.5	111.7
-37.5°	280.6	269.1	256.9	242.1	223.0	204.0	185.4	166.8	147.2	127.3	107.4
-40°	272.7	261.5	249.7	232.8	214.4	196.2	178.2	160.0	141.0	121.8	102.8
-42.5°	264.7	253.2	239.9	223.0	205.2	187.8	170.5	152.9	134.7	116.2	97.9
-45°	255.2	243.7	229.5	212.7	195.5	178.9	162.4	145.6	128.0	110.3	92.8
-47.5°	245.1	233.2	218.4	202.0	185.4	169.6	154.2	137.8	121.0	104.0	87.4
-50°	234.7	221.8	206.5	191.0	175.1	160.4	145.5	129.7	113.8	97.6	81.7
-52.5°	222.4	208.7	194.2	179.5	164.9	150.9	136.3	121.4	106.2	90.9	75.8
-55°	208.4	195.2	181.6	167.7	154.2	140.7	126.8	112.8	98.5	83.9	69.7
-57.5°	193.4	181.3	168.2	155.4	142.5	129.8	117.1	103.9	90.3	76.7	64.2
-60°	177.4	165.8	154.2	142.0	130.1	118.6	107.1	94.6	81.8	69.4	58.5
-62.5°	159.9	149.6	138.8	127.8	117.3	107.1	96.7	84.8	73.0	62.6	52.7
-65°	142.0	132.6	122.9	113.7	104.4	95.2	85.4	74.7	64.9	55.8	46.8
-67.5°	123.7	115.8	107.5	99.4	91.3	82.8	73.9	65.3	56.9	48.7	40.8
-70°	106.3	99.2	92.3	85.3	78.1	70.6	63.4	56.0	48.7	41.7	34.6
-72.5°	89.3	83.5	77.5	71.4	65.4	59.3	53.0	46.8	40.8	34.6	28.4
-75°	72.7	68.0	63.2	58.3	53.1	48.0	43.1	37.9	32.7	27.5	22.9
-77.5°	57.0	53.2	49.2	45.5	41.8	37.7	33.4	29.0	25.1	21.5	17.6
-80°	42.4	39.8	37.0	34.2	30.9	27.5	24.4	21.5	18.6	15.5	12.3
-82.5°	29.0	27.1	25.2	23.2	21.0	18.8	16.6	14.4	12.1	9.6	7.9
-85°	16.5	15.3	14.0	12.7	11.3	10.0	9.2	8.4	7.3	6.3	5.3
-87.5°	6.8	6.4	6.1	5.7	5.4	5.0	4.6	4.2	3.7	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

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CATALOG NUMBER: GFLD-SA1E-750-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°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
85°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
82.5°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
80°	9.0	7.2	5.8	4.4	2.9	1.5	0.0
77.5°	13.6	9.8	7.2	5.4	3.6	1.8	0.0
75°	18.3	13.6	9.0	6.5	4.3	2.2	0.0
72.5°	22.9	17.5	12.0	7.6	5.0	2.5	0.0
70°	27.5	21.2	15.1	8.8	5.7	2.9	0.0
67.5°	32.7	25.0	18.0	11.1	6.4	3.2	0.0
65°	37.8	28.9	21.0	13.3	7.1	3.5	0.0
62.5°	42.8	33.0	23.8	15.4	7.7	3.9	0.0
60°	47.6	37.0	26.7	17.5	8.4	4.2	0.0
57.5°	52.5	40.9	29.7	19.6	9.7	4.5	0.0
55°	57.3	44.7	32.7	21.6	11.0	4.8	0.0
52.5°	62.0	48.3	35.6	23.5	12.3	5.1	0.0
50°	66.5	52.1	38.4	25.4	13.5	5.4	0.0
47.5°	71.0	55.8	41.0	27.3	14.7	5.7	0.0
45°	75.6	59.4	43.6	29.2	15.8	5.9	0.0
42.5°	80.0	62.8	46.0	31.0	16.9	6.2	0.0
40°	84.2	66.1	48.5	32.7	17.9	6.4	0.0
37.5°	88.1	69.3	51.0	34.2	18.8	6.7	0.0
35°	91.8	72.3	53.3	35.7	19.7	6.9	0.0
32.5°	95.3	75.2	55.6	37.1	20.5	7.1	0.0
30°	98.5	77.9	57.7	38.4	21.2	7.3	0.0
27.5°	101.4	80.4	59.5	39.5	21.9	7.5	0.0
25°	104.1	82.6	61.2	40.6	22.5	7.6	0.0
22.5°	106.5	84.6	62.7	41.6	23.1	7.8	0.0
20°	108.6	86.3	64.1	42.4	23.6	7.9	0.0
17.5°	110.5	87.8	65.3	43.2	24.0	8.0	0.0
15°	112.2	89.1	66.3	43.8	24.4	8.1	0.0
12.5°	113.7	90.2	67.1	44.3	24.7	8.2	0.0
10°	114.9	91.0	67.8	44.7	24.9	8.3	0.0
7.5°	115.9	91.6	68.2	45.0	25.0	8.3	0.0
5°	116.6	92.0	68.5	45.2	25.1	8.4	0.0
2.5°	117.1	92.2	68.7	45.3	25.1	8.4	0.0
0°	117.2	92.1	68.6	45.2	25.1	8.4	0.0
-2.5°	117.1	92.2	68.7	45.3	25.1	8.4	0.0
-5°	116.6	92.0	68.5	45.2	25.1	8.4	0.0
-7.5°	115.9	91.6	68.2	45.0	25.0	8.3	0.0
-10°	114.9	91.0	67.8	44.7	24.9	8.3	0.0
-12.5°	113.7	90.2	67.1	44.3	24.7	8.2	0.0
-15°	112.2	89.1	66.3	43.8	24.4	8.1	0.0
-17.5°	110.5	87.8	65.3	43.2	24.0	8.0	0.0
-20°	108.6	86.3	64.1	42.4	23.6	7.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	106.5	84.6	62.7	41.6	23.1	7.8	0.0
-25°	104.1	82.6	61.2	40.6	22.5	7.6	0.0
-27.5°	101.4	80.4	59.5	39.5	21.9	7.5	0.0
-30°	98.5	77.9	57.7	38.4	21.2	7.3	0.0
-32.5°	95.3	75.2	55.6	37.1	20.5	7.1	0.0
-35°	91.8	72.3	53.3	35.7	19.7	6.9	0.0
-37.5°	88.1	69.3	51.0	34.2	18.8	6.7	0.0
-40°	84.2	66.1	48.5	32.7	17.9	6.4	0.0
-42.5°	80.0	62.8	46.0	31.0	16.9	6.2	0.0
-45°	75.6	59.4	43.6	29.2	15.8	5.9	0.0
-47.5°	71.0	55.8	41.0	27.3	14.7	5.7	0.0
-50°	66.5	52.1	38.4	25.4	13.5	5.4	0.0
-52.5°	62.0	48.3	35.6	23.5	12.3	5.1	0.0
-55°	57.3	44.7	32.7	21.6	11.0	4.8	0.0
-57.5°	52.5	40.9	29.7	19.6	9.7	4.5	0.0
-60°	47.6	37.0	26.7	17.5	8.4	4.2	0.0
-62.5°	42.8	33.0	23.8	15.4	7.7	3.9	0.0
-65°	37.8	28.9	21.0	13.3	7.1	3.5	0.0
-67.5°	32.7	25.0	18.0	11.1	6.4	3.2	0.0
-70°	27.5	21.2	15.1	8.8	5.7	2.9	0.0
-72.5°	22.9	17.5	12.0	7.6	5.0	2.5	0.0
-75°	18.3	13.6	9.0	6.5	4.3	2.2	0.0
-77.5°	13.6	9.8	7.2	5.4	3.6	1.8	0.0
-80°	9.0	7.2	5.8	4.4	2.9	1.5	0.0
-82.5°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-85°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-87.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)