

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2E-727-U-MWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627017 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-727-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N42
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13547.9 lumens
Efficiency: N/A
Efficacy: 107.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 15918.2 candela
Max Intensity Angle: 7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 8992.3 lumens
Beam Efficiency: 66.4%

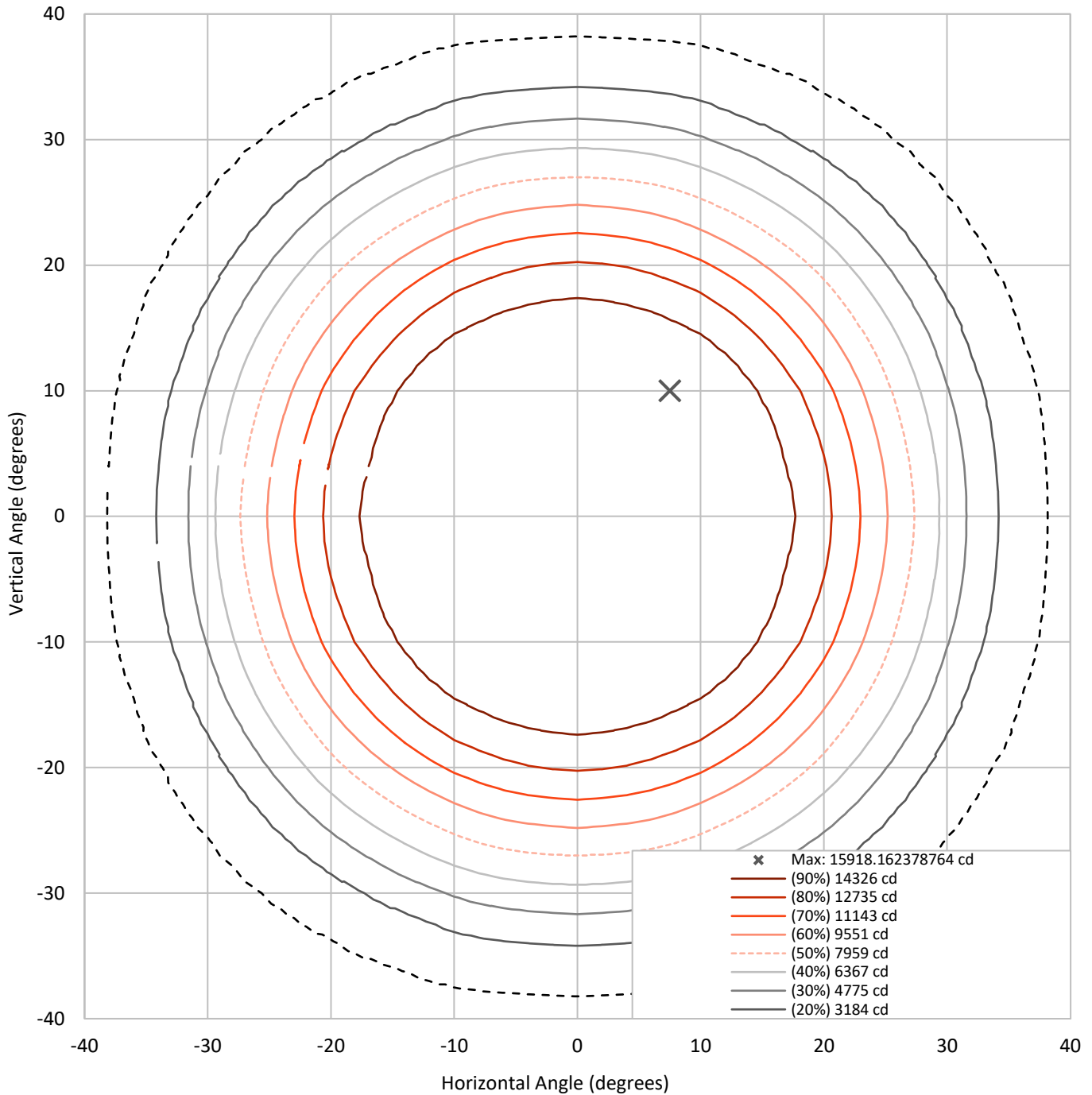
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 11692.5 lumens
Field Efficiency: 86.3%

Input Watts (W): 125.71
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





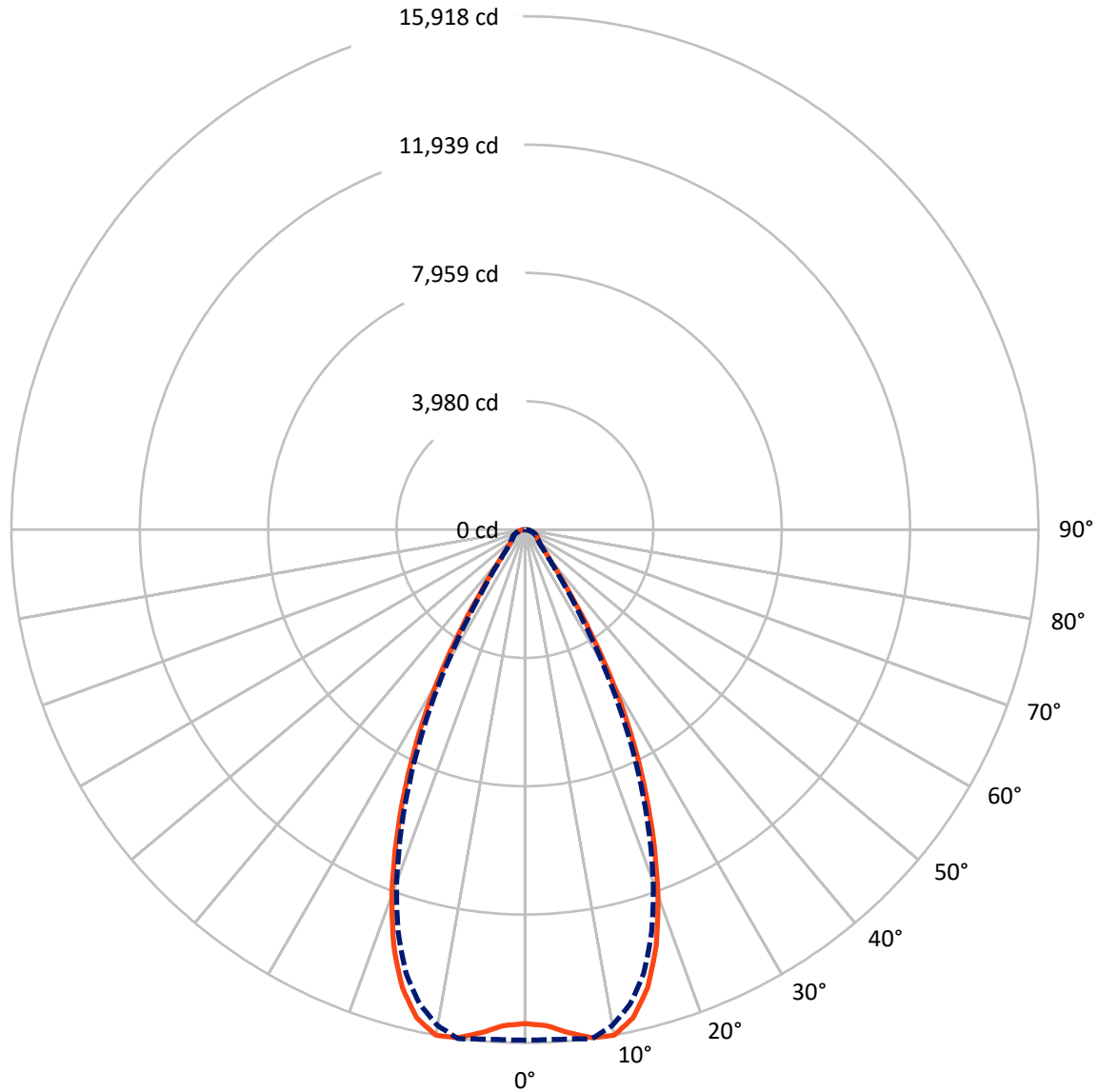
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Lumen Table

90	0.4	3.2	8.5	13.5	15.0	13.5	8.5	3.2	0.4							
80	0.4	3.2	8.5	13.5	15.0	13.5	8.5	3.2	0.4							
70	1.4	1.6	3.3	5.4	7.6	9.2	10.4	11.0	11.0	10.4	9.2	7.6	5.4	3.3	1.6	1.4
60		2.4	4.9	7.8	10.4	12.6	14.2	14.8	14.8	14.2	12.6	10.4	7.8	4.9	2.4	
50	2.5	3.1	6.2	9.5	12.7	16.6	20.8	23.9	23.9	20.8	16.6	12.7	9.5	6.2	3.1	2.5
40		3.7	7.2	10.9	16.9	30.8	58.9	87.4	87.4	58.9	30.8	16.9	10.9	7.2	3.7	
30	3.3	4.2	7.8	12.7	27.8	87.0	195.1	272.5	272.5	195.1	87.0	27.8	12.7	7.8	4.2	3.3
20		4.5	8.3	15.1	50.2	185.4	354.1	443.1	443.1	354.1	185.4	50.2	15.1	8.3	4.5	
10	3.5	4.6	8.5	17.0	72.2	253.7	429.5	467.4	467.4	429.5	253.7	72.2	17.0	8.5	4.6	3.5
0		4.6	8.5	17.0	72.2	253.7	429.5	467.4	467.4	429.5	253.7	72.2	17.0	8.5	4.6	
-10	3.3	4.5	8.3	15.1	50.2	185.4	354.1	443.1	443.1	354.1	185.4	50.2	15.1	8.3	4.5	3.3
-20		4.2	7.8	12.7	27.8	87.0	195.1	272.5	272.5	195.1	87.0	27.8	12.7	7.8	4.2	
-30	2.5	3.7	7.2	10.9	16.9	30.8	58.9	87.4	87.4	58.9	30.8	16.9	10.9	7.2	3.7	2.5
-40		3.1	6.2	9.5	12.7	16.6	20.8	23.9	23.9	20.8	16.6	12.7	9.5	6.2	3.1	
-50	1.4	2.4	4.9	7.8	10.4	12.6	14.2	14.8	14.8	14.2	12.6	10.4	7.8	4.9	2.4	1.4
-60		1.6	3.3	5.4	7.6	9.2	10.4	11.0	11.0	10.4	9.2	7.6	5.4	3.3	1.6	
-70	0.4	3.2	8.5	13.5	15.0	13.5	8.5	3.2	0.4							
-80		0.4	3.2	8.5	13.5	15.0	13.5	8.5	3.2	0.4						
-90	0.4	3.2	8.5	13.5	15.0	13.5	8.5	3.2	0.4							

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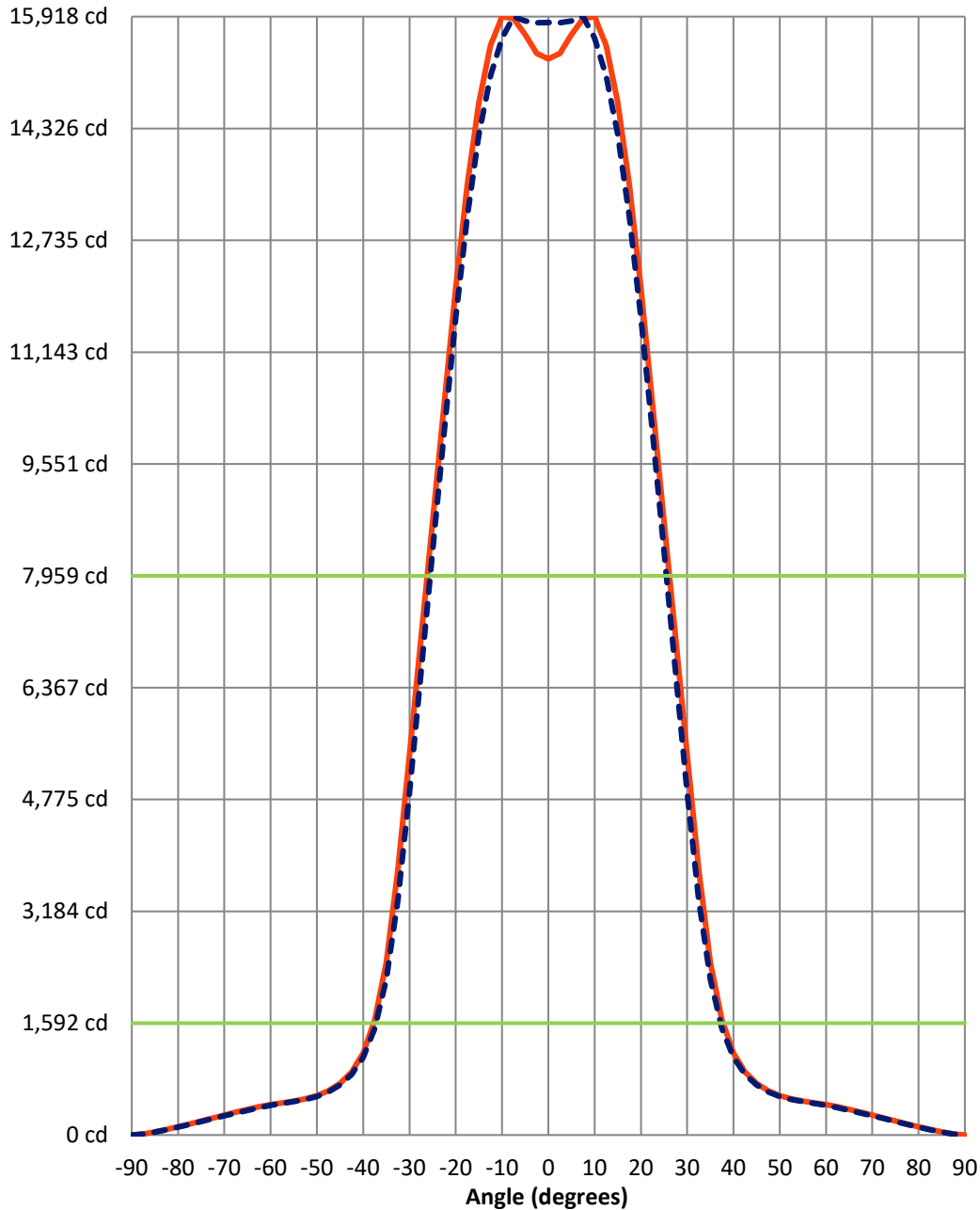
Luminous Intensity Polar Plot



— Vertical Distribution Through 7.5-Deg - - - Horizontal Distribution Through 10-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 8992.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 11692.5
 Efficiency: 86.3%

Spill:
 Lumens: 1855.4
 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	0.6	1.2	1.8	2.4	3.0	3.6	4.4	5.2	6.1	7.1
85°	0.0	1.2	2.4	3.6	4.8	6.0	7.2	8.8	10.4	12.2	14.1
82.5°	0.0	1.8	3.6	5.4	7.2	9.0	10.8	13.1	15.9	20.1	24.1
80°	0.0	2.4	4.8	7.2	9.6	12.0	14.8	20.5	25.9	30.9	35.7
77.5°	0.0	3.0	6.0	9.0	12.0	16.2	22.6	29.3	35.7	41.7	48.2
75°	0.0	3.6	7.2	10.8	14.8	22.6	30.4	38.1	45.7	54.5	63.1
72.5°	0.0	4.2	8.3	12.5	20.0	29.0	38.0	47.3	57.7	67.9	77.9
70°	0.0	4.8	9.5	14.6	25.0	35.3	45.7	57.7	69.5	81.1	93.3
67.5°	0.0	5.3	10.6	18.4	30.0	41.5	54.4	67.9	81.1	94.7	108.7
65°	0.0	5.9	11.7	22.0	34.9	48.1	62.9	77.9	92.8	108.1	124.3
62.5°	0.0	6.4	12.8	25.6	39.7	54.9	71.2	87.8	104.3	121.5	141.1
60°	0.0	6.9	13.9	29.2	44.4	61.6	79.3	97.4	115.4	136.1	157.4
57.5°	0.0	7.5	16.1	32.6	49.5	68.1	87.4	106.8	127.6	150.3	172.9
55°	0.0	8.0	18.3	35.9	54.4	74.3	95.4	116.0	139.6	163.9	187.6
52.5°	0.0	8.5	20.4	39.2	59.2	80.5	103.2	126.1	151.3	176.8	202.0
50°	0.0	8.9	22.5	42.3	63.8	86.8	110.7	136.0	162.5	189.3	215.9
47.5°	0.0	9.4	24.4	45.4	68.3	92.9	118.1	145.4	173.2	201.4	229.4
45°	0.0	9.8	26.3	48.6	72.5	98.9	125.9	154.4	183.6	213.0	242.3
42.5°	0.0	10.2	28.0	51.6	76.5	104.6	133.2	163.0	193.4	224.2	254.5
40°	0.0	10.6	29.7	54.4	80.6	110.0	140.2	171.2	202.8	234.8	266.3
37.5°	0.0	11.0	31.2	57.0	84.8	115.3	146.7	178.8	211.8	245.1	277.6
35°	0.0	11.4	32.7	59.4	88.7	120.4	152.9	186.0	220.5	254.7	288.2
32.5°	0.0	11.7	34.1	61.7	92.4	125.2	158.6	192.6	228.7	263.6	297.4
30°	0.0	12.0	35.3	63.8	95.9	129.7	163.9	198.9	236.4	271.8	306.1
27.5°	0.0	12.3	36.5	65.8	99.0	133.8	168.8	205.0	243.5	279.3	314.1
25°	0.0	12.6	37.5	67.5	101.8	137.5	173.2	210.8	249.6	285.9	321.4
22.5°	0.0	12.8	38.5	69.1	104.4	140.9	177.2	216.0	255.1	291.8	328.0
20°	0.0	13.1	39.3	70.6	106.6	143.7	180.7	220.7	259.9	297.1	333.9
17.5°	0.0	13.3	40.0	71.8	108.6	146.2	183.9	224.9	264.2	301.7	339.1
15°	0.0	13.4	40.6	72.9	110.3	148.3	186.7	228.6	267.7	305.6	343.5
12.5°	0.0	13.6	41.1	73.7	111.7	150.0	189.2	232.0	270.9	308.9	347.2
10°	0.0	13.7	41.4	74.4	112.8	151.4	191.2	234.7	273.7	312.0	350.3
7.5°	0.0	13.8	41.7	74.9	113.6	152.4	192.9	236.8	275.8	314.4	353.0
5°	0.0	13.8	41.8	75.2	114.1	153.1	194.0	238.4	277.4	316.2	355.0
2.5°	0.0	13.9	41.9	75.3	114.3	153.3	194.8	239.3	278.3	317.2	356.2
0°	0.0	13.9	41.8	75.2	114.2	153.2	195.0	239.6	278.6	317.6	356.6
-2.5°	0.0	13.9	41.9	75.3	114.3	153.3	194.8	239.3	278.3	317.2	356.2
-5°	0.0	13.8	41.8	75.2	114.1	153.1	194.0	238.4	277.4	316.2	355.0
-7.5°	0.0	13.8	41.7	74.9	113.6	152.4	192.9	236.8	275.8	314.4	353.0
-10°	0.0	13.7	41.4	74.4	112.8	151.4	191.2	234.7	273.7	312.0	350.3
-12.5°	0.0	13.6	41.1	73.7	111.7	150.0	189.2	232.0	270.9	308.9	347.2
-15°	0.0	13.4	40.6	72.9	110.3	148.3	186.7	228.6	267.7	305.6	343.5
-17.5°	0.0	13.3	40.0	71.8	108.6	146.2	183.9	224.9	264.2	301.7	339.1
-20°	0.0	13.1	39.3	70.6	106.6	143.7	180.7	220.7	259.9	297.1	333.9

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.8	38.5	69.1	104.4	140.9	177.2	216.0	255.1	291.8	328.0
-25°	0.0	12.6	37.5	67.5	101.8	137.5	173.2	210.8	249.6	285.9	321.4
-27.5°	0.0	12.3	36.5	65.8	99.0	133.8	168.8	205.0	243.5	279.3	314.1
-30°	0.0	12.0	35.3	63.8	95.9	129.7	163.9	198.9	236.4	271.8	306.1
-32.5°	0.0	11.7	34.1	61.7	92.4	125.2	158.6	192.6	228.7	263.6	297.4
-35°	0.0	11.4	32.7	59.4	88.7	120.4	152.9	186.0	220.5	254.7	288.2
-37.5°	0.0	11.0	31.2	57.0	84.8	115.3	146.7	178.8	211.8	245.1	277.6
-40°	0.0	10.6	29.7	54.4	80.6	110.0	140.2	171.2	202.8	234.8	266.3
-42.5°	0.0	10.2	28.0	51.6	76.5	104.6	133.2	163.0	193.4	224.2	254.5
-45°	0.0	9.8	26.3	48.6	72.5	98.9	125.9	154.4	183.6	213.0	242.3
-47.5°	0.0	9.4	24.4	45.4	68.3	92.9	118.1	145.4	173.2	201.4	229.4
-50°	0.0	8.9	22.5	42.3	63.8	86.8	110.7	136.0	162.5	189.3	215.9
-52.5°	0.0	8.5	20.4	39.2	59.2	80.5	103.2	126.1	151.3	176.8	202.0
-55°	0.0	8.0	18.3	35.9	54.4	74.3	95.4	116.0	139.6	163.9	187.6
-57.5°	0.0	7.5	16.1	32.6	49.5	68.1	87.4	106.8	127.6	150.3	172.9
-60°	0.0	6.9	13.9	29.2	44.4	61.6	79.3	97.4	115.4	136.1	157.4
-62.5°	0.0	6.4	12.8	25.6	39.7	54.9	71.2	87.8	104.3	121.5	141.1
-65°	0.0	5.9	11.7	22.0	34.9	48.1	62.9	77.9	92.8	108.1	124.3
-67.5°	0.0	5.3	10.6	18.4	30.0	41.5	54.4	67.9	81.1	94.7	108.7
-70°	0.0	4.8	9.5	14.6	25.0	35.3	45.7	57.7	69.5	81.1	93.3
-72.5°	0.0	4.2	8.3	12.5	20.0	29.0	38.0	47.3	57.7	67.9	77.9
-75°	0.0	3.6	7.2	10.8	14.8	22.6	30.4	38.1	45.7	54.5	63.1
-77.5°	0.0	3.0	6.0	9.0	12.0	16.2	22.6	29.3	35.7	41.7	48.2
-80°	0.0	2.4	4.8	7.2	9.6	12.0	14.8	20.5	25.9	30.9	35.7
-82.5°	0.0	1.8	3.6	5.4	7.2	9.0	10.8	13.1	15.9	20.1	24.1
-85°	0.0	1.2	2.4	3.6	4.8	6.0	7.2	8.8	10.4	12.2	14.1
-87.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.4	5.2	6.1	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



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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°	7.7	8.3	9.0	9.6	10.2	10.7	11.3	11.8	12.3	12.8	13.2
85°	15.4	16.7	18.9	21.2	23.3	25.4	27.5	29.4	31.2	33.0	34.7
82.5°	27.6	31.2	34.9	38.7	42.0	45.1	48.2	51.4	54.5	57.7	60.8
80°	40.6	45.7	51.4	56.9	61.7	66.2	70.6	74.8	79.4	84.3	89.3
77.5°	55.6	62.8	69.5	75.8	81.9	88.6	95.0	101.1	107.6	113.9	120.0
75°	71.7	79.9	88.5	97.0	105.2	113.2	121.0	128.9	137.0	144.9	152.5
72.5°	88.3	98.7	108.8	118.7	129.0	138.9	148.6	157.9	167.4	177.2	186.5
70°	105.6	117.4	129.9	142.0	153.5	165.2	176.9	188.2	199.3	210.6	221.8
67.5°	123.0	137.8	151.9	165.3	178.9	192.6	205.8	219.4	232.5	245.7	258.3
65°	142.1	158.4	173.8	189.1	204.5	220.6	236.2	251.4	266.6	281.3	294.6
62.5°	160.9	178.2	195.2	212.6	231.0	249.1	266.2	283.6	301.3	316.7	330.0
60°	178.1	197.3	216.4	236.3	256.6	276.0	295.2	314.1	333.1	350.8	361.7
57.5°	194.8	216.0	237.2	258.6	280.0	301.7	321.8	342.6	360.2	375.1	387.8
55°	211.0	234.1	256.6	279.1	302.2	324.9	346.8	366.5	383.7	396.2	408.4
52.5°	226.9	251.1	274.4	298.7	323.3	347.3	370.3	388.5	402.6	415.4	426.8
50°	242.2	266.9	291.5	317.8	343.8	369.2	390.7	406.7	421.1	433.5	445.5
47.5°	256.6	282.3	308.6	336.3	363.6	388.2	407.9	424.7	439.4	452.8	466.9
45°	270.4	297.7	325.4	354.1	381.9	405.7	424.8	442.8	456.5	471.7	487.9
42.5°	283.8	312.5	341.6	371.1	399.3	421.5	440.5	457.1	473.3	491.2	510.8
40°	296.6	326.5	356.8	387.6	415.7	435.3	454.0	471.5	491.2	512.5	535.2
37.5°	308.6	339.6	371.1	403.0	427.7	448.0	467.0	486.6	509.5	534.1	564.9
35°	319.8	351.8	384.4	415.0	438.5	460.0	479.7	501.5	528.2	560.4	599.9
32.5°	330.1	363.1	396.6	424.8	448.4	470.7	491.1	518.2	550.3	588.6	644.5
30°	339.7	373.5	407.1	434.3	457.4	479.8	504.5	535.1	572.6	628.6	700.2
27.5°	348.5	382.9	415.3	442.3	465.4	488.5	517.4	554.6	603.9	670.7	759.7
25°	356.7	391.8	423.2	448.9	472.8	498.4	529.9	571.6	636.5	722.8	843.1
22.5°	364.0	399.9	430.7	454.7	479.7	507.5	544.2	596.4	671.3	771.9	927.1
20°	370.6	406.1	436.3	460.1	486.1	515.1	557.0	619.9	710.2	840.6	1038.6
17.5°	376.4	411.4	440.6	465.3	492.4	523.6	569.4	640.3	744.7	900.5	1151.4
15°	381.3	416.0	444.1	469.8	497.9	533.3	586.7	666.9	784.9	962.8	1249.7
12.5°	385.4	419.8	447.1	473.4	502.4	541.5	601.5	692.0	826.7	1039.3	1394.5
10°	388.6	422.7	449.3	476.2	505.9	548.0	613.6	712.6	861.2	1105.6	1518.1
7.5°	391.6	424.9	450.8	478.2	508.4	552.8	622.7	728.4	887.8	1157.6	1615.8
5°	393.8	426.2	451.7	479.4	510.5	556.0	628.9	739.4	906.1	1194.8	1684.6
2.5°	395.2	426.6	451.8	479.7	512.1	557.5	632.2	745.5	920.4	1212.4	1721.6
0°	395.6	426.2	451.3	479.2	512.6	557.2	632.4	746.6	927.7	1211.8	1727.2
-2.5°	395.2	426.6	451.8	479.7	512.1	557.5	632.2	745.5	920.4	1212.4	1721.6
-5°	393.8	426.2	451.7	479.4	510.5	556.0	628.9	739.4	906.1	1194.8	1684.6
-7.5°	391.6	424.9	450.8	478.2	508.4	552.8	622.7	728.4	887.8	1157.6	1615.8
-10°	388.6	422.7	449.3	476.2	505.9	548.0	613.6	712.6	861.2	1105.6	1518.1
-12.5°	385.4	419.8	447.1	473.4	502.4	541.5	601.5	692.0	826.7	1039.3	1394.5
-15°	381.3	416.0	444.1	469.8	497.9	533.3	586.7	666.9	784.9	962.8	1249.7
-17.5°	376.4	411.4	440.6	465.3	492.4	523.6	569.4	640.3	744.7	900.5	1151.4
-20°	370.6	406.1	436.3	460.1	486.1	515.1	557.0	619.9	710.2	840.6	1038.6



REPORT NUMBER: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-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°	364.0	399.9	430.7	454.7	479.7	507.5	544.2	596.4	671.3	771.9	927.1
-25°	356.7	391.8	423.2	448.9	472.8	498.4	529.9	571.6	636.5	722.8	843.1
-27.5°	348.5	382.9	415.3	442.3	465.4	488.5	517.4	554.6	603.9	670.7	759.7
-30°	339.7	373.5	407.1	434.3	457.4	479.8	504.5	535.1	572.6	628.6	700.2
-32.5°	330.1	363.1	396.6	424.8	448.4	470.7	491.1	518.2	550.3	588.6	644.5
-35°	319.8	351.8	384.4	415.0	438.5	460.0	479.7	501.5	528.2	560.4	599.9
-37.5°	308.6	339.6	371.1	403.0	427.7	448.0	467.0	486.6	509.5	534.1	564.9
-40°	296.6	326.5	356.8	387.6	415.7	435.3	454.0	471.5	491.2	512.5	535.2
-42.5°	283.8	312.5	341.6	371.1	399.3	421.5	440.5	457.1	473.3	491.2	510.8
-45°	270.4	297.7	325.4	354.1	381.9	405.7	424.8	442.8	456.5	471.7	487.9
-47.5°	256.6	282.3	308.6	336.3	363.6	388.2	407.9	424.7	439.4	452.8	466.9
-50°	242.2	266.9	291.5	317.8	343.8	369.2	390.7	406.7	421.1	433.5	445.5
-52.5°	226.9	251.1	274.4	298.7	323.3	347.3	370.3	388.5	402.6	415.4	426.8
-55°	211.0	234.1	256.6	279.1	302.2	324.9	346.8	366.5	383.7	396.2	408.4
-57.5°	194.8	216.0	237.2	258.6	280.0	301.7	321.8	342.6	360.2	375.1	387.8
-60°	178.1	197.3	216.4	236.3	256.6	276.0	295.2	314.1	333.1	350.8	361.7
-62.5°	160.9	178.2	195.2	212.6	231.0	249.1	266.2	283.6	301.3	316.7	330.0
-65°	142.1	158.4	173.8	189.1	204.5	220.6	236.2	251.4	266.6	281.3	294.6
-67.5°	123.0	137.8	151.9	165.3	178.9	192.6	205.8	219.4	232.5	245.7	258.3
-70°	105.6	117.4	129.9	142.0	153.5	165.2	176.9	188.2	199.3	210.6	221.8
-72.5°	88.3	98.7	108.8	118.7	129.0	138.9	148.6	157.9	167.4	177.2	186.5
-75°	71.7	79.9	88.5	97.0	105.2	113.2	121.0	128.9	137.0	144.9	152.5
-77.5°	55.6	62.8	69.5	75.8	81.9	88.6	95.0	101.1	107.6	113.9	120.0
-80°	40.6	45.7	51.4	56.9	61.7	66.2	70.6	74.8	79.4	84.3	89.3
-82.5°	27.6	31.2	34.9	38.7	42.0	45.1	48.2	51.4	54.5	57.7	60.8
-85°	15.4	16.7	18.9	21.2	23.3	25.4	27.5	29.4	31.2	33.0	34.7
-87.5°	7.7	8.3	9.0	9.6	10.2	10.7	11.3	11.8	12.3	12.8	13.2
-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: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-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°	13.7	13.5	13.3	13.0	12.6	13.5	14.4	15.3	16.1	15.6	15.1
85°	36.3	37.1	37.8	38.4	38.9	40.6	42.3	43.8	45.3	45.3	45.1
82.5°	63.8	65.9	67.6	69.2	70.6	72.6	74.5	76.0	77.4	78.4	79.2
80°	94.1	97.4	100.2	102.8	105.1	107.8	110.3	112.5	114.4	115.5	116.1
77.5°	126.0	130.8	135.2	139.4	143.3	147.2	150.8	153.9	156.7	157.3	157.2
75°	159.8	166.3	172.5	178.1	183.4	187.9	191.7	194.9	197.5	198.8	199.5
72.5°	195.4	203.4	210.6	217.1	222.7	227.4	231.4	234.9	237.8	239.7	240.8
70°	232.5	242.0	249.5	255.6	260.4	265.0	270.2	275.1	279.7	282.4	283.4
67.5°	269.8	279.7	286.5	292.0	296.4	300.9	307.5	313.4	318.6	322.1	324.4
65°	306.3	316.6	323.4	328.8	332.8	337.4	344.7	350.5	354.9	358.5	361.7
62.5°	342.2	352.7	360.3	366.7	372.5	377.6	383.5	388.4	392.2	395.7	399.6
60°	373.4	385.9	393.9	400.3	407.6	415.4	419.8	423.5	426.7	429.5	431.9
57.5°	399.0	410.1	420.3	428.0	435.6	442.8	448.0	451.5	454.3	456.4	457.2
55°	420.3	431.8	443.2	451.5	459.0	465.8	471.5	476.0	479.7	482.6	483.3
52.5°	439.4	452.3	463.5	473.2	483.0	491.0	497.3	503.4	508.7	513.0	514.9
50°	460.2	473.7	487.7	500.6	511.1	520.2	527.9	536.5	545.6	553.1	557.8
47.5°	482.1	497.6	514.5	530.4	542.8	556.4	569.0	581.8	598.8	613.0	623.5
45°	505.0	524.9	544.2	564.4	581.5	607.1	630.9	651.3	678.4	703.0	722.5
42.5°	532.0	556.8	580.4	612.9	646.9	681.9	719.7	751.9	794.3	837.4	872.3
40°	564.0	595.7	637.4	681.0	734.7	782.7	847.9	906.0	971.1	1053.3	1121.2
37.5°	602.5	651.4	709.4	770.1	853.8	933.8	1041.6	1155.2	1258.2	1416.4	1549.5
35°	652.6	720.8	797.2	904.8	1023.3	1173.1	1341.2	1560.6	1748.8	2015.6	2270.6
32.5°	717.1	804.9	929.5	1095.6	1270.7	1542.8	1809.6	2190.5	2543.2	2966.1	3422.5
30°	788.9	922.4	1112.9	1340.7	1667.4	2067.7	2537.9	3122.9	3763.2	4357.6	4943.4
27.5°	892.9	1084.2	1334.5	1702.1	2211.2	2771.2	3595.2	4389.3	5217.8	5954.3	6568.5
25°	1014.3	1267.1	1654.1	2195.4	2883.9	3842.9	4829.2	5809.3	6700.3	7471.4	8150.1
22.5°	1171.1	1534.8	2050.7	2751.8	3824.0	4973.3	6129.9	7211.0	8161.4	9020.0	9754.7
20°	1341.7	1796.8	2533.5	3579.0	4805.1	6114.5	7420.5	8572.0	9618.5	10592.1	11420.1
17.5°	1557.9	2195.2	3128.1	4382.3	5799.8	7234.6	8606.5	9856.1	11043.5	12073.6	12938.8
15°	1742.1	2546.0	3763.7	5234.6	6767.9	8281.3	9729.7	11087.1	12321.5	13378.5	14191.8
12.5°	1987.8	2939.3	4328.0	5967.3	7628.8	9221.2	10746.9	12149.9	13406.1	14451.5	15084.6
10°	2220.1	3346.4	4873.3	6582.9	8309.1	10005.8	11634.8	13073.7	14240.0	15071.6	15611.2
7.5°	2417.6	3696.3	5317.0	7080.5	8849.6	10623.5	12272.5	13672.5	14747.9	15442.4	15818.0
5°	2565.1	3957.8	5646.3	7484.9	9300.3	11105.3	12741.4	14055.7	14985.1	15501.0	15689.6
2.5°	2659.1	4111.4	5837.4	7750.2	9601.9	11410.1	13063.0	14356.7	15145.2	15487.2	15519.7
0°	2696.6	4131.3	5866.9	7889.4	9677.8	11497.0	13154.5	14480.5	15204.9	15486.2	15480.6
-2.5°	2659.1	4111.4	5837.4	7750.2	9601.9	11410.1	13063.0	14356.7	15145.2	15487.2	15519.7
-5°	2565.1	3957.8	5646.3	7484.9	9300.3	11105.3	12741.4	14055.7	14985.1	15501.0	15689.6
-7.5°	2417.6	3696.3	5317.0	7080.5	8849.6	10623.5	12272.5	13672.5	14747.9	15442.4	15818.0
-10°	2220.1	3346.4	4873.3	6582.9	8309.1	10005.8	11634.8	13073.7	14240.0	15071.6	15611.2
-12.5°	1987.8	2939.3	4328.0	5967.3	7628.8	9221.2	10746.9	12149.9	13406.1	14451.5	15084.6
-15°	1742.1	2546.0	3763.7	5234.6	6767.9	8281.3	9729.7	11087.1	12321.5	13378.5	14191.8
-17.5°	1557.9	2195.2	3128.1	4382.3	5799.8	7234.6	8606.5	9856.1	11043.5	12073.6	12938.8
-20°	1341.7	1796.8	2533.5	3579.0	4805.1	6114.5	7420.5	8572.0	9618.5	10592.1	11420.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1171.1	1534.8	2050.7	2751.8	3824.0	4973.3	6129.9	7211.0	8161.4	9020.0	9754.7
-25°	1014.3	1267.1	1654.1	2195.4	2883.9	3842.9	4829.2	5809.3	6700.3	7471.4	8150.1
-27.5°	892.9	1084.2	1334.5	1702.1	2211.2	2771.2	3595.2	4389.3	5217.8	5954.3	6568.5
-30°	788.9	922.4	1112.9	1340.7	1667.4	2067.7	2537.9	3122.9	3763.2	4357.6	4943.4
-32.5°	717.1	804.9	929.5	1095.6	1270.7	1542.8	1809.6	2190.5	2543.2	2966.1	3422.5
-35°	652.6	720.8	797.2	904.8	1023.3	1173.1	1341.2	1560.6	1748.8	2015.6	2270.6
-37.5°	602.5	651.4	709.4	770.1	853.8	933.8	1041.6	1155.2	1258.2	1416.4	1549.5
-40°	564.0	595.7	637.4	681.0	734.7	782.7	847.9	906.0	971.1	1053.3	1121.2
-42.5°	532.0	556.8	580.4	612.9	646.9	681.9	719.7	751.9	794.3	837.4	872.3
-45°	505.0	524.9	544.2	564.4	581.5	607.1	630.9	651.3	678.4	703.0	722.5
-47.5°	482.1	497.6	514.5	530.4	542.8	556.4	569.0	581.8	598.8	613.0	623.5
-50°	460.2	473.7	487.7	500.6	511.1	520.2	527.9	536.5	545.6	553.1	557.8
-52.5°	439.4	452.3	463.5	473.2	483.0	491.0	497.3	503.4	508.7	513.0	514.9
-55°	420.3	431.8	443.2	451.5	459.0	465.8	471.5	476.0	479.7	482.6	483.3
-57.5°	399.0	410.1	420.3	428.0	435.6	442.8	448.0	451.5	454.3	456.4	457.2
-60°	373.4	385.9	393.9	400.3	407.6	415.4	419.8	423.5	426.7	429.5	431.9
-62.5°	342.2	352.7	360.3	366.7	372.5	377.6	383.5	388.4	392.2	395.7	399.6
-65°	306.3	316.6	323.4	328.8	332.8	337.4	344.7	350.5	354.9	358.5	361.7
-67.5°	269.8	279.7	286.5	292.0	296.4	300.9	307.5	313.4	318.6	322.1	324.4
-70°	232.5	242.0	249.5	255.6	260.4	265.0	270.2	275.1	279.7	282.4	283.4
-72.5°	195.4	203.4	210.6	217.1	222.7	227.4	231.4	234.9	237.8	239.7	240.8
-75°	159.8	166.3	172.5	178.1	183.4	187.9	191.7	194.9	197.5	198.8	199.5
-77.5°	126.0	130.8	135.2	139.4	143.3	147.2	150.8	153.9	156.7	157.3	157.2
-80°	94.1	97.4	100.2	102.8	105.1	107.8	110.3	112.5	114.4	115.5	116.1
-82.5°	63.8	65.9	67.6	69.2	70.6	72.6	74.5	76.0	77.4	78.4	79.2
-85°	36.3	37.1	37.8	38.4	38.9	40.6	42.3	43.8	45.3	45.3	45.1
-87.5°	13.7	13.5	13.3	13.0	12.6	13.5	14.4	15.3	16.1	15.6	15.1
-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: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-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°	14.5	13.8	13.9	13.9	13.9	13.8	14.5	15.1	15.6	16.1	15.3
85°	44.8	44.4	43.1	41.8	43.1	44.4	44.8	45.1	45.3	45.3	43.8
82.5°	79.9	80.4	79.3	78.0	79.3	80.4	79.9	79.2	78.4	77.4	76.0
80°	116.5	116.5	115.5	114.2	115.5	116.5	116.5	116.1	115.5	114.4	112.5
77.5°	156.5	155.3	155.8	156.0	155.8	155.3	156.5	157.2	157.3	156.7	153.9
75°	199.8	199.7	199.0	197.8	199.0	199.7	199.8	199.5	198.8	197.5	194.9
72.5°	241.4	241.4	240.8	239.6	240.8	241.4	241.4	240.8	239.7	237.8	234.9
70°	283.6	283.1	283.9	284.2	283.9	283.1	283.6	283.4	282.4	279.7	275.1
67.5°	326.1	327.2	327.0	325.9	327.0	327.2	326.1	324.4	322.1	318.6	313.4
65°	364.2	366.1	367.3	367.7	367.3	366.1	364.2	361.7	358.5	354.9	350.5
62.5°	402.7	404.9	405.0	403.9	405.0	404.9	402.7	399.6	395.7	392.2	388.4
60°	433.3	433.6	433.1	431.8	433.1	433.6	433.3	431.9	429.5	426.7	423.5
57.5°	457.2	456.4	455.4	454.1	455.4	456.4	457.2	457.2	456.4	454.3	451.5
55°	482.9	481.6	480.5	479.2	480.5	481.6	482.9	483.3	482.6	479.7	476.0
52.5°	515.3	514.6	513.8	512.6	513.8	514.6	515.3	514.9	513.0	508.7	503.4
50°	560.3	560.9	560.9	559.9	560.9	560.9	560.3	557.8	553.1	545.6	536.5
47.5°	630.2	633.9	636.4	637.9	636.4	633.9	630.2	623.5	613.0	598.8	581.8
45°	735.0	742.5	747.8	752.2	747.8	742.5	735.0	722.5	703.0	678.4	651.3
42.5°	896.8	913.5	921.3	919.3	921.3	913.5	896.8	872.3	837.4	794.3	751.9
40°	1166.5	1193.4	1208.3	1220.2	1208.3	1193.4	1166.5	1121.2	1053.3	971.1	906.0
37.5°	1640.3	1692.5	1720.0	1743.9	1720.0	1692.5	1640.3	1549.5	1416.4	1258.2	1155.2
35°	2461.1	2578.5	2641.4	2663.2	2641.4	2578.5	2461.1	2270.6	2015.6	1748.8	1560.6
32.5°	3777.7	3994.3	4114.1	4206.5	4114.1	3994.3	3777.7	3422.5	2966.1	2543.2	2190.5
30°	5407.2	5692.4	5850.8	5928.2	5850.8	5692.4	5407.2	4943.4	4357.6	3763.2	3122.9
27.5°	7077.6	7401.9	7572.6	7563.4	7572.6	7401.9	7077.6	6568.5	5954.3	5217.8	4389.3
25°	8731.9	9107.4	9277.6	9429.9	9277.6	9107.4	8731.9	8150.1	7471.4	6700.3	5809.3
22.5°	10405.0	10844.1	11083.7	11196.1	11083.7	10844.1	10405.0	9754.7	9020.0	8161.4	7211.0
20°	12058.2	12547.0	12801.4	12912.1	12801.4	12547.0	12058.2	11420.1	10592.1	9618.5	8572.0
17.5°	13524.4	14001.6	14244.1	14346.8	14244.1	14001.6	13524.4	12938.8	12073.6	11043.5	9856.1
15°	14695.2	15047.1	15253.3	15307.9	15253.3	15047.1	14695.2	14191.8	13378.5	12321.5	11087.1
12.5°	15504.4	15640.8	15739.9	15770.4	15739.9	15640.8	15504.4	15084.6	14451.5	13406.1	12149.9
10°	15918.2	15856.6	15831.2	15834.4	15831.2	15856.6	15918.2	15611.2	15071.6	14240.0	13073.7
7.5°	15889.7	15798.6	15615.6	15586.5	15615.6	15798.6	15889.7	15818.0	15442.4	14747.9	13672.5
5°	15661.4	15495.5	15191.9	15104.6	15191.9	15495.5	15661.4	15689.6	15501.0	14985.1	14055.7
2.5°	15395.3	15096.4	14816.6	14636.5	14816.6	15096.4	15395.3	15519.7	15487.2	15145.2	14356.7
0°	15316.3	14970.8	14608.7	14491.7	14608.7	14970.8	15316.3	15480.6	15486.2	15204.9	14480.5
-2.5°	15395.3	15096.4	14816.6	14636.5	14816.6	15096.4	15395.3	15519.7	15487.2	15145.2	14356.7
-5°	15661.4	15495.5	15191.9	15104.6	15191.9	15495.5	15661.4	15689.6	15501.0	14985.1	14055.7
-7.5°	15889.7	15798.6	15615.6	15586.5	15615.6	15798.6	15889.7	15818.0	15442.4	14747.9	13672.5
-10°	15918.2	15856.6	15831.2	15834.4	15831.2	15856.6	15918.2	15611.2	15071.6	14240.0	13073.7
-12.5°	15504.4	15640.8	15739.9	15770.4	15739.9	15640.8	15504.4	15084.6	14451.5	13406.1	12149.9
-15°	14695.2	15047.1	15253.3	15307.9	15253.3	15047.1	14695.2	14191.8	13378.5	12321.5	11087.1
-17.5°	13524.4	14001.6	14244.1	14346.8	14244.1	14001.6	13524.4	12938.8	12073.6	11043.5	9856.1
-20°	12058.2	12547.0	12801.4	12912.1	12801.4	12547.0	12058.2	11420.1	10592.1	9618.5	8572.0



REPORT NUMBER: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-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°	10405.0	10844.1	11083.7	11196.1	11083.7	10844.1	10405.0	9754.7	9020.0	8161.4	7211.0
-25°	8731.9	9107.4	9277.6	9429.9	9277.6	9107.4	8731.9	8150.1	7471.4	6700.3	5809.3
-27.5°	7077.6	7401.9	7572.6	7563.4	7572.6	7401.9	7077.6	6568.5	5954.3	5217.8	4389.3
-30°	5407.2	5692.4	5850.8	5928.2	5850.8	5692.4	5407.2	4943.4	4357.6	3763.2	3122.9
-32.5°	3777.7	3994.3	4114.1	4206.5	4114.1	3994.3	3777.7	3422.5	2966.1	2543.2	2190.5
-35°	2461.1	2578.5	2641.4	2663.2	2641.4	2578.5	2461.1	2270.6	2015.6	1748.8	1560.6
-37.5°	1640.3	1692.5	1720.0	1743.9	1720.0	1692.5	1640.3	1549.5	1416.4	1258.2	1155.2
-40°	1166.5	1193.4	1208.3	1220.2	1208.3	1193.4	1166.5	1121.2	1053.3	971.1	906.0
-42.5°	896.8	913.5	921.3	919.3	921.3	913.5	896.8	872.3	837.4	794.3	751.9
-45°	735.0	742.5	747.8	752.2	747.8	742.5	735.0	722.5	703.0	678.4	651.3
-47.5°	630.2	633.9	636.4	637.9	636.4	633.9	630.2	623.5	613.0	598.8	581.8
-50°	560.3	560.9	560.9	559.9	560.9	560.9	560.3	557.8	553.1	545.6	536.5
-52.5°	515.3	514.6	513.8	512.6	513.8	514.6	515.3	514.9	513.0	508.7	503.4
-55°	482.9	481.6	480.5	479.2	480.5	481.6	482.9	483.3	482.6	479.7	476.0
-57.5°	457.2	456.4	455.4	454.1	455.4	456.4	457.2	457.2	456.4	454.3	451.5
-60°	433.3	433.6	433.1	431.8	433.1	433.6	433.3	431.9	429.5	426.7	423.5
-62.5°	402.7	404.9	405.0	403.9	405.0	404.9	402.7	399.6	395.7	392.2	388.4
-65°	364.2	366.1	367.3	367.7	367.3	366.1	364.2	361.7	358.5	354.9	350.5
-67.5°	326.1	327.2	327.0	325.9	327.0	327.2	326.1	324.4	322.1	318.6	313.4
-70°	283.6	283.1	283.9	284.2	283.9	283.1	283.6	283.4	282.4	279.7	275.1
-72.5°	241.4	241.4	240.8	239.6	240.8	241.4	241.4	240.8	239.7	237.8	234.9
-75°	199.8	199.7	199.0	197.8	199.0	199.7	199.8	199.5	198.8	197.5	194.9
-77.5°	156.5	155.3	155.8	156.0	155.8	155.3	156.5	157.2	157.3	156.7	153.9
-80°	116.5	116.5	115.5	114.2	115.5	116.5	116.5	116.1	115.5	114.4	112.5
-82.5°	79.9	80.4	79.3	78.0	79.3	80.4	79.9	79.2	78.4	77.4	76.0
-85°	44.8	44.4	43.1	41.8	43.1	44.4	44.8	45.1	45.3	45.3	43.8
-87.5°	14.5	13.8	13.9	13.9	13.9	13.8	14.5	15.1	15.6	16.1	15.3
-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: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-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°	14.4	13.5	12.6	13.0	13.3	13.5	13.7	13.2	12.8	12.3	11.8
85°	42.3	40.6	38.9	38.4	37.8	37.1	36.3	34.7	33.0	31.2	29.4
82.5°	74.5	72.6	70.6	69.2	67.6	65.9	63.8	60.8	57.7	54.5	51.4
80°	110.3	107.8	105.1	102.8	100.2	97.4	94.1	89.3	84.3	79.4	74.8
77.5°	150.8	147.2	143.3	139.4	135.2	130.8	126.0	120.0	113.9	107.6	101.1
75°	191.7	187.9	183.4	178.1	172.5	166.3	159.8	152.5	144.9	137.0	128.9
72.5°	231.4	227.4	222.7	217.1	210.6	203.4	195.4	186.5	177.2	167.4	157.9
70°	270.2	265.0	260.4	255.6	249.5	242.0	232.5	221.8	210.6	199.3	188.2
67.5°	307.5	300.9	296.4	292.0	286.5	279.7	269.8	258.3	245.7	232.5	219.4
65°	344.7	337.4	332.8	328.8	323.4	316.6	306.3	294.6	281.3	266.6	251.4
62.5°	383.5	377.6	372.5	366.7	360.3	352.7	342.2	330.0	316.7	301.3	283.6
60°	419.8	415.4	407.6	400.3	393.9	385.9	373.4	361.7	350.8	333.1	314.1
57.5°	448.0	442.8	435.6	428.0	420.3	410.1	399.0	387.8	375.1	360.2	342.6
55°	471.5	465.8	459.0	451.5	443.2	431.8	420.3	408.4	396.2	383.7	366.5
52.5°	497.3	491.0	483.0	473.2	463.5	452.3	439.4	426.8	415.4	402.6	388.5
50°	527.9	520.2	511.1	500.6	487.7	473.7	460.2	445.5	433.5	421.1	406.7
47.5°	569.0	556.4	542.8	530.4	514.5	497.6	482.1	466.9	452.8	439.4	424.7
45°	630.9	607.1	581.5	564.4	544.2	524.9	505.0	487.9	471.7	456.5	442.8
42.5°	719.7	681.9	646.9	612.9	580.4	556.8	532.0	510.8	491.2	473.3	457.1
40°	847.9	782.7	734.7	681.0	637.4	595.7	564.0	535.2	512.5	491.2	471.5
37.5°	1041.6	933.8	853.8	770.1	709.4	651.4	602.5	564.9	534.1	509.5	486.6
35°	1341.2	1173.1	1023.3	904.8	797.2	720.8	652.6	599.9	560.4	528.2	501.5
32.5°	1809.6	1542.8	1270.7	1095.6	929.5	804.9	717.1	644.5	588.6	550.3	518.2
30°	2537.9	2067.7	1667.4	1340.7	1112.9	922.4	788.9	700.2	628.6	572.6	535.1
27.5°	3595.2	2771.2	2211.2	1702.1	1334.5	1084.2	892.9	759.7	670.7	603.9	554.6
25°	4829.2	3842.9	2883.9	2195.4	1654.1	1267.1	1014.3	843.1	722.8	636.5	571.6
22.5°	6129.9	4973.3	3824.0	2751.8	2050.7	1534.8	1171.1	927.1	771.9	671.3	596.4
20°	7420.5	6114.5	4805.1	3579.0	2533.5	1796.8	1341.7	1038.6	840.6	710.2	619.9
17.5°	8606.5	7234.6	5799.8	4382.3	3128.1	2195.2	1557.9	1151.4	900.5	744.7	640.3
15°	9729.7	8281.3	6767.9	5234.6	3763.7	2546.0	1742.1	1249.7	962.8	784.9	666.9
12.5°	10746.9	9221.2	7628.8	5967.3	4328.0	2939.3	1987.8	1394.5	1039.3	826.7	692.0
10°	11634.8	10005.8	8309.1	6582.9	4873.3	3346.4	2220.1	1518.1	1105.6	861.2	712.6
7.5°	12272.5	10623.5	8849.6	7080.5	5317.0	3696.3	2417.6	1615.8	1157.6	887.8	728.4
5°	12741.4	11105.3	9300.3	7484.9	5646.3	3957.8	2565.1	1684.6	1194.8	906.1	739.4
2.5°	13063.0	11410.1	9601.9	7750.2	5837.4	4111.4	2659.1	1721.6	1212.4	920.4	745.5
0°	13154.5	11497.0	9677.8	7889.4	5866.9	4131.3	2696.6	1727.2	1211.8	927.7	746.6
-2.5°	13063.0	11410.1	9601.9	7750.2	5837.4	4111.4	2659.1	1721.6	1212.4	920.4	745.5
-5°	12741.4	11105.3	9300.3	7484.9	5646.3	3957.8	2565.1	1684.6	1194.8	906.1	739.4
-7.5°	12272.5	10623.5	8849.6	7080.5	5317.0	3696.3	2417.6	1615.8	1157.6	887.8	728.4
-10°	11634.8	10005.8	8309.1	6582.9	4873.3	3346.4	2220.1	1518.1	1105.6	861.2	712.6
-12.5°	10746.9	9221.2	7628.8	5967.3	4328.0	2939.3	1987.8	1394.5	1039.3	826.7	692.0
-15°	9729.7	8281.3	6767.9	5234.6	3763.7	2546.0	1742.1	1249.7	962.8	784.9	666.9
-17.5°	8606.5	7234.6	5799.8	4382.3	3128.1	2195.2	1557.9	1151.4	900.5	744.7	640.3
-20°	7420.5	6114.5	4805.1	3579.0	2533.5	1796.8	1341.7	1038.6	840.6	710.2	619.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6129.9	4973.3	3824.0	2751.8	2050.7	1534.8	1171.1	927.1	771.9	671.3	596.4
-25°	4829.2	3842.9	2883.9	2195.4	1654.1	1267.1	1014.3	843.1	722.8	636.5	571.6
-27.5°	3595.2	2771.2	2211.2	1702.1	1334.5	1084.2	892.9	759.7	670.7	603.9	554.6
-30°	2537.9	2067.7	1667.4	1340.7	1112.9	922.4	788.9	700.2	628.6	572.6	535.1
-32.5°	1809.6	1542.8	1270.7	1095.6	929.5	804.9	717.1	644.5	588.6	550.3	518.2
-35°	1341.2	1173.1	1023.3	904.8	797.2	720.8	652.6	599.9	560.4	528.2	501.5
-37.5°	1041.6	933.8	853.8	770.1	709.4	651.4	602.5	564.9	534.1	509.5	486.6
-40°	847.9	782.7	734.7	681.0	637.4	595.7	564.0	535.2	512.5	491.2	471.5
-42.5°	719.7	681.9	646.9	612.9	580.4	556.8	532.0	510.8	491.2	473.3	457.1
-45°	630.9	607.1	581.5	564.4	544.2	524.9	505.0	487.9	471.7	456.5	442.8
-47.5°	569.0	556.4	542.8	530.4	514.5	497.6	482.1	466.9	452.8	439.4	424.7
-50°	527.9	520.2	511.1	500.6	487.7	473.7	460.2	445.5	433.5	421.1	406.7
-52.5°	497.3	491.0	483.0	473.2	463.5	452.3	439.4	426.8	415.4	402.6	388.5
-55°	471.5	465.8	459.0	451.5	443.2	431.8	420.3	408.4	396.2	383.7	366.5
-57.5°	448.0	442.8	435.6	428.0	420.3	410.1	399.0	387.8	375.1	360.2	342.6
-60°	419.8	415.4	407.6	400.3	393.9	385.9	373.4	361.7	350.8	333.1	314.1
-62.5°	383.5	377.6	372.5	366.7	360.3	352.7	342.2	330.0	316.7	301.3	283.6
-65°	344.7	337.4	332.8	328.8	323.4	316.6	306.3	294.6	281.3	266.6	251.4
-67.5°	307.5	300.9	296.4	292.0	286.5	279.7	269.8	258.3	245.7	232.5	219.4
-70°	270.2	265.0	260.4	255.6	249.5	242.0	232.5	221.8	210.6	199.3	188.2
-72.5°	231.4	227.4	222.7	217.1	210.6	203.4	195.4	186.5	177.2	167.4	157.9
-75°	191.7	187.9	183.4	178.1	172.5	166.3	159.8	152.5	144.9	137.0	128.9
-77.5°	150.8	147.2	143.3	139.4	135.2	130.8	126.0	120.0	113.9	107.6	101.1
-80°	110.3	107.8	105.1	102.8	100.2	97.4	94.1	89.3	84.3	79.4	74.8
-82.5°	74.5	72.6	70.6	69.2	67.6	65.9	63.8	60.8	57.7	54.5	51.4
-85°	42.3	40.6	38.9	38.4	37.8	37.1	36.3	34.7	33.0	31.2	29.4
-87.5°	14.4	13.5	12.6	13.0	13.3	13.5	13.7	13.2	12.8	12.3	11.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-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°	11.3	10.7	10.2	9.6	9.0	8.3	7.7	7.1	6.1	5.2	4.4
85°	27.5	25.4	23.3	21.2	18.9	16.7	15.4	14.1	12.2	10.4	8.8
82.5°	48.2	45.1	42.0	38.7	34.9	31.2	27.6	24.1	20.1	15.9	13.1
80°	70.6	66.2	61.7	56.9	51.4	45.7	40.6	35.7	30.9	25.9	20.5
77.5°	95.0	88.6	81.9	75.8	69.5	62.8	55.6	48.2	41.7	35.7	29.3
75°	121.0	113.2	105.2	97.0	88.5	79.9	71.7	63.1	54.5	45.7	38.1
72.5°	148.6	138.9	129.0	118.7	108.8	98.7	88.3	77.9	67.9	57.7	47.3
70°	176.9	165.2	153.5	142.0	129.9	117.4	105.6	93.3	81.1	69.5	57.7
67.5°	205.8	192.6	178.9	165.3	151.9	137.8	123.0	108.7	94.7	81.1	67.9
65°	236.2	220.6	204.5	189.1	173.8	158.4	142.1	124.3	108.1	92.8	77.9
62.5°	266.2	249.1	231.0	212.6	195.2	178.2	160.9	141.1	121.5	104.3	87.8
60°	295.2	276.0	256.6	236.3	216.4	197.3	178.1	157.4	136.1	115.4	97.4
57.5°	321.8	301.7	280.0	258.6	237.2	216.0	194.8	172.9	150.3	127.6	106.8
55°	346.8	324.9	302.2	279.1	256.6	234.1	211.0	187.6	163.9	139.6	116.0
52.5°	370.3	347.3	323.3	298.7	274.4	251.1	226.9	202.0	176.8	151.3	126.1
50°	390.7	369.2	343.8	317.8	291.5	266.9	242.2	215.9	189.3	162.5	136.0
47.5°	407.9	388.2	363.6	336.3	308.6	282.3	256.6	229.4	201.4	173.2	145.4
45°	424.8	405.7	381.9	354.1	325.4	297.7	270.4	242.3	213.0	183.6	154.4
42.5°	440.5	421.5	399.3	371.1	341.6	312.5	283.8	254.5	224.2	193.4	163.0
40°	454.0	435.3	415.7	387.6	356.8	326.5	296.6	266.3	234.8	202.8	171.2
37.5°	467.0	448.0	427.7	403.0	371.1	339.6	308.6	277.6	245.1	211.8	178.8
35°	479.7	460.0	438.5	415.0	384.4	351.8	319.8	288.2	254.7	220.5	186.0
32.5°	491.1	470.7	448.4	424.8	396.6	363.1	330.1	297.4	263.6	228.7	192.6
30°	504.5	479.8	457.4	434.3	407.1	373.5	339.7	306.1	271.8	236.4	198.9
27.5°	517.4	488.5	465.4	442.3	415.3	382.9	348.5	314.1	279.3	243.5	205.0
25°	529.9	498.4	472.8	448.9	423.2	391.8	356.7	321.4	285.9	249.6	210.8
22.5°	544.2	507.5	479.7	454.7	430.7	399.9	364.0	328.0	291.8	255.1	216.0
20°	557.0	515.1	486.1	460.1	436.3	406.1	370.6	333.9	297.1	259.9	220.7
17.5°	569.4	523.6	492.4	465.3	440.6	411.4	376.4	339.1	301.7	264.2	224.9
15°	586.7	533.3	497.9	469.8	444.1	416.0	381.3	343.5	305.6	267.7	228.6
12.5°	601.5	541.5	502.4	473.4	447.1	419.8	385.4	347.2	308.9	270.9	232.0
10°	613.6	548.0	505.9	476.2	449.3	422.7	388.6	350.3	312.0	273.7	234.7
7.5°	622.7	552.8	508.4	478.2	450.8	424.9	391.6	353.0	314.4	275.8	236.8
5°	628.9	556.0	510.5	479.4	451.7	426.2	393.8	355.0	316.2	277.4	238.4
2.5°	632.2	557.5	512.1	479.7	451.8	426.6	395.2	356.2	317.2	278.3	239.3
0°	632.4	557.2	512.6	479.2	451.3	426.2	395.6	356.6	317.6	278.6	239.6
-2.5°	632.2	557.5	512.1	479.7	451.8	426.6	395.2	356.2	317.2	278.3	239.3
-5°	628.9	556.0	510.5	479.4	451.7	426.2	393.8	355.0	316.2	277.4	238.4
-7.5°	622.7	552.8	508.4	478.2	450.8	424.9	391.6	353.0	314.4	275.8	236.8
-10°	613.6	548.0	505.9	476.2	449.3	422.7	388.6	350.3	312.0	273.7	234.7
-12.5°	601.5	541.5	502.4	473.4	447.1	419.8	385.4	347.2	308.9	270.9	232.0
-15°	586.7	533.3	497.9	469.8	444.1	416.0	381.3	343.5	305.6	267.7	228.6
-17.5°	569.4	523.6	492.4	465.3	440.6	411.4	376.4	339.1	301.7	264.2	224.9
-20°	557.0	515.1	486.1	460.1	436.3	406.1	370.6	333.9	297.1	259.9	220.7

Classified

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-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°	544.2	507.5	479.7	454.7	430.7	399.9	364.0	328.0	291.8	255.1	216.0
-25°	529.9	498.4	472.8	448.9	423.2	391.8	356.7	321.4	285.9	249.6	210.8
-27.5°	517.4	488.5	465.4	442.3	415.3	382.9	348.5	314.1	279.3	243.5	205.0
-30°	504.5	479.8	457.4	434.3	407.1	373.5	339.7	306.1	271.8	236.4	198.9
-32.5°	491.1	470.7	448.4	424.8	396.6	363.1	330.1	297.4	263.6	228.7	192.6
-35°	479.7	460.0	438.5	415.0	384.4	351.8	319.8	288.2	254.7	220.5	186.0
-37.5°	467.0	448.0	427.7	403.0	371.1	339.6	308.6	277.6	245.1	211.8	178.8
-40°	454.0	435.3	415.7	387.6	356.8	326.5	296.6	266.3	234.8	202.8	171.2
-42.5°	440.5	421.5	399.3	371.1	341.6	312.5	283.8	254.5	224.2	193.4	163.0
-45°	424.8	405.7	381.9	354.1	325.4	297.7	270.4	242.3	213.0	183.6	154.4
-47.5°	407.9	388.2	363.6	336.3	308.6	282.3	256.6	229.4	201.4	173.2	145.4
-50°	390.7	369.2	343.8	317.8	291.5	266.9	242.2	215.9	189.3	162.5	136.0
-52.5°	370.3	347.3	323.3	298.7	274.4	251.1	226.9	202.0	176.8	151.3	126.1
-55°	346.8	324.9	302.2	279.1	256.6	234.1	211.0	187.6	163.9	139.6	116.0
-57.5°	321.8	301.7	280.0	258.6	237.2	216.0	194.8	172.9	150.3	127.6	106.8
-60°	295.2	276.0	256.6	236.3	216.4	197.3	178.1	157.4	136.1	115.4	97.4
-62.5°	266.2	249.1	231.0	212.6	195.2	178.2	160.9	141.1	121.5	104.3	87.8
-65°	236.2	220.6	204.5	189.1	173.8	158.4	142.1	124.3	108.1	92.8	77.9
-67.5°	205.8	192.6	178.9	165.3	151.9	137.8	123.0	108.7	94.7	81.1	67.9
-70°	176.9	165.2	153.5	142.0	129.9	117.4	105.6	93.3	81.1	69.5	57.7
-72.5°	148.6	138.9	129.0	118.7	108.8	98.7	88.3	77.9	67.9	57.7	47.3
-75°	121.0	113.2	105.2	97.0	88.5	79.9	71.7	63.1	54.5	45.7	38.1
-77.5°	95.0	88.6	81.9	75.8	69.5	62.8	55.6	48.2	41.7	35.7	29.3
-80°	70.6	66.2	61.7	56.9	51.4	45.7	40.6	35.7	30.9	25.9	20.5
-82.5°	48.2	45.1	42.0	38.7	34.9	31.2	27.6	24.1	20.1	15.9	13.1
-85°	27.5	25.4	23.3	21.2	18.9	16.7	15.4	14.1	12.2	10.4	8.8
-87.5°	11.3	10.7	10.2	9.6	9.0	8.3	7.7	7.1	6.1	5.2	4.4
-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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-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°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
85°	7.2	6.0	4.8	3.6	2.4	1.2	0.0
82.5°	10.8	9.0	7.2	5.4	3.6	1.8	0.0
80°	14.8	12.0	9.6	7.2	4.8	2.4	0.0
77.5°	22.6	16.2	12.0	9.0	6.0	3.0	0.0
75°	30.4	22.6	14.8	10.8	7.2	3.6	0.0
72.5°	38.0	29.0	20.0	12.5	8.3	4.2	0.0
70°	45.7	35.3	25.0	14.6	9.5	4.8	0.0
67.5°	54.4	41.5	30.0	18.4	10.6	5.3	0.0
65°	62.9	48.1	34.9	22.0	11.7	5.9	0.0
62.5°	71.2	54.9	39.7	25.6	12.8	6.4	0.0
60°	79.3	61.6	44.4	29.2	13.9	6.9	0.0
57.5°	87.4	68.1	49.5	32.6	16.1	7.5	0.0
55°	95.4	74.3	54.4	35.9	18.3	8.0	0.0
52.5°	103.2	80.5	59.2	39.2	20.4	8.5	0.0
50°	110.7	86.8	63.8	42.3	22.5	8.9	0.0
47.5°	118.1	92.9	68.3	45.4	24.4	9.4	0.0
45°	125.9	98.9	72.5	48.6	26.3	9.8	0.0
42.5°	133.2	104.6	76.5	51.6	28.0	10.2	0.0
40°	140.2	110.0	80.6	54.4	29.7	10.6	0.0
37.5°	146.7	115.3	84.8	57.0	31.2	11.0	0.0
35°	152.9	120.4	88.7	59.4	32.7	11.4	0.0
32.5°	158.6	125.2	92.4	61.7	34.1	11.7	0.0
30°	163.9	129.7	95.9	63.8	35.3	12.0	0.0
27.5°	168.8	133.8	99.0	65.8	36.5	12.3	0.0
25°	173.2	137.5	101.8	67.5	37.5	12.6	0.0
22.5°	177.2	140.9	104.4	69.1	38.5	12.8	0.0
20°	180.7	143.7	106.6	70.6	39.3	13.1	0.0
17.5°	183.9	146.2	108.6	71.8	40.0	13.3	0.0
15°	186.7	148.3	110.3	72.9	40.6	13.4	0.0
12.5°	189.2	150.0	111.7	73.7	41.1	13.6	0.0
10°	191.2	151.4	112.8	74.4	41.4	13.7	0.0
7.5°	192.9	152.4	113.6	74.9	41.7	13.8	0.0
5°	194.0	153.1	114.1	75.2	41.8	13.8	0.0
2.5°	194.8	153.3	114.3	75.3	41.9	13.9	0.0
0°	195.0	153.2	114.2	75.2	41.8	13.9	0.0
-2.5°	194.8	153.3	114.3	75.3	41.9	13.9	0.0
-5°	194.0	153.1	114.1	75.2	41.8	13.8	0.0
-7.5°	192.9	152.4	113.6	74.9	41.7	13.8	0.0
-10°	191.2	151.4	112.8	74.4	41.4	13.7	0.0
-12.5°	189.2	150.0	111.7	73.7	41.1	13.6	0.0
-15°	186.7	148.3	110.3	72.9	40.6	13.4	0.0
-17.5°	183.9	146.2	108.6	71.8	40.0	13.3	0.0
-20°	180.7	143.7	106.6	70.6	39.3	13.1	0.0

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627017 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	177.2	140.9	104.4	69.1	38.5	12.8	0.0
-25°	173.2	137.5	101.8	67.5	37.5	12.6	0.0
-27.5°	168.8	133.8	99.0	65.8	36.5	12.3	0.0
-30°	163.9	129.7	95.9	63.8	35.3	12.0	0.0
-32.5°	158.6	125.2	92.4	61.7	34.1	11.7	0.0
-35°	152.9	120.4	88.7	59.4	32.7	11.4	0.0
-37.5°	146.7	115.3	84.8	57.0	31.2	11.0	0.0
-40°	140.2	110.0	80.6	54.4	29.7	10.6	0.0
-42.5°	133.2	104.6	76.5	51.6	28.0	10.2	0.0
-45°	125.9	98.9	72.5	48.6	26.3	9.8	0.0
-47.5°	118.1	92.9	68.3	45.4	24.4	9.4	0.0
-50°	110.7	86.8	63.8	42.3	22.5	8.9	0.0
-52.5°	103.2	80.5	59.2	39.2	20.4	8.5	0.0
-55°	95.4	74.3	54.4	35.9	18.3	8.0	0.0
-57.5°	87.4	68.1	49.5	32.6	16.1	7.5	0.0
-60°	79.3	61.6	44.4	29.2	13.9	6.9	0.0
-62.5°	71.2	54.9	39.7	25.6	12.8	6.4	0.0
-65°	62.9	48.1	34.9	22.0	11.7	5.9	0.0
-67.5°	54.4	41.5	30.0	18.4	10.6	5.3	0.0
-70°	45.7	35.3	25.0	14.6	9.5	4.8	0.0
-72.5°	38.0	29.0	20.0	12.5	8.3	4.2	0.0
-75°	30.4	22.6	14.8	10.8	7.2	3.6	0.0
-77.5°	22.6	16.2	12.0	9.0	6.0	3.0	0.0
-80°	14.8	12.0	9.6	7.2	4.8	2.4	0.0
-82.5°	10.8	9.0	7.2	5.4	3.6	1.8	0.0
-85°	7.2	6.0	4.8	3.6	2.4	1.2	0.0
-87.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)