

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: P627185 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-722-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627185 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3D-722-U-MR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N60  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 16107.1 lumens  
Efficiency: N/A  
Efficacy: 100.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 51553.4 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V  
Beam Lumens: 7831 lumens  
Beam Efficiency: 48.6%

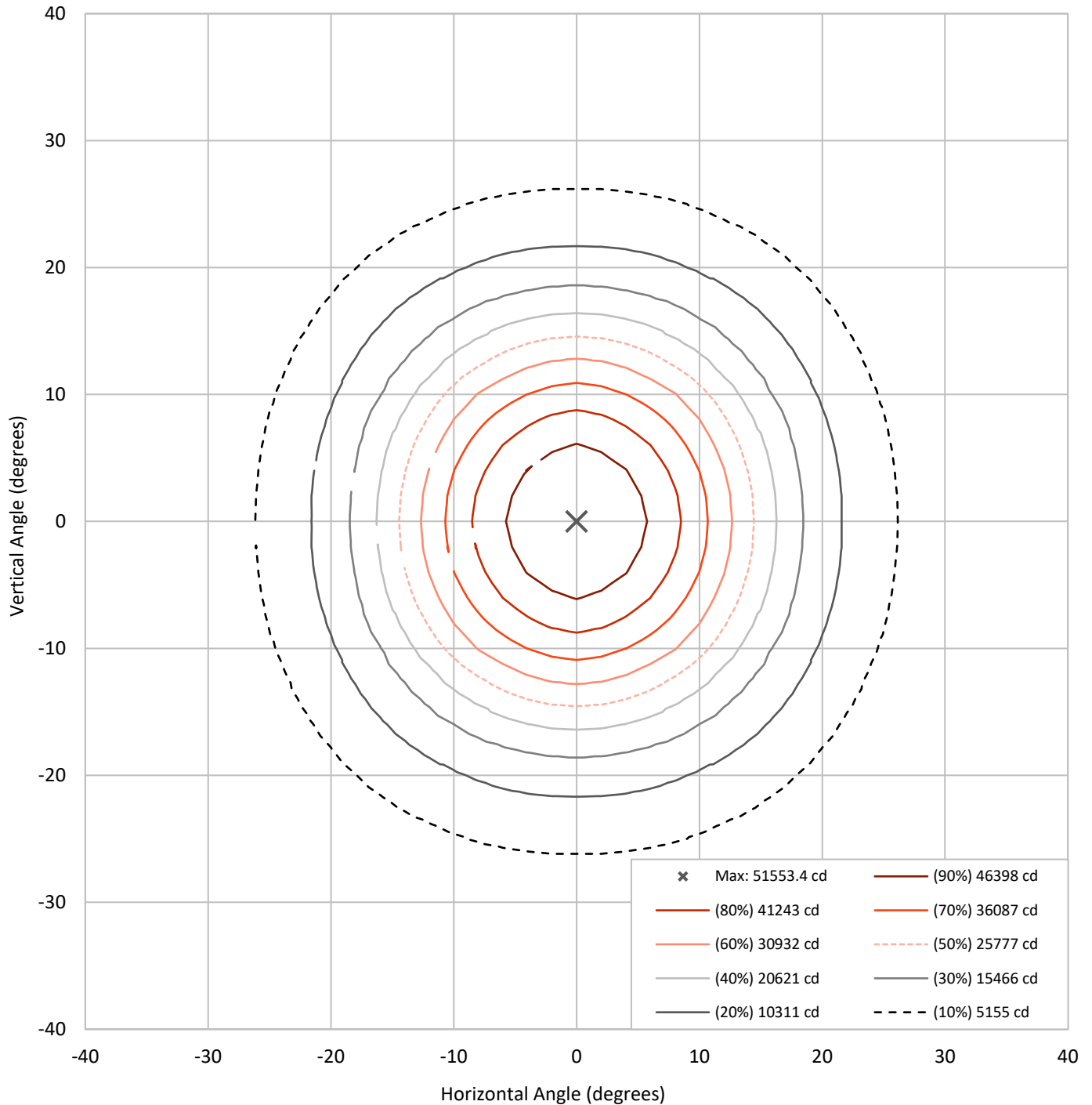
Field Angle (10%): 52.3°H x 52.3°V  
Field Lumens: 13215.6 lumens  
Field Efficiency: 82.0%

Input Watts (W): 160.2  
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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### Iso-Candela Plot





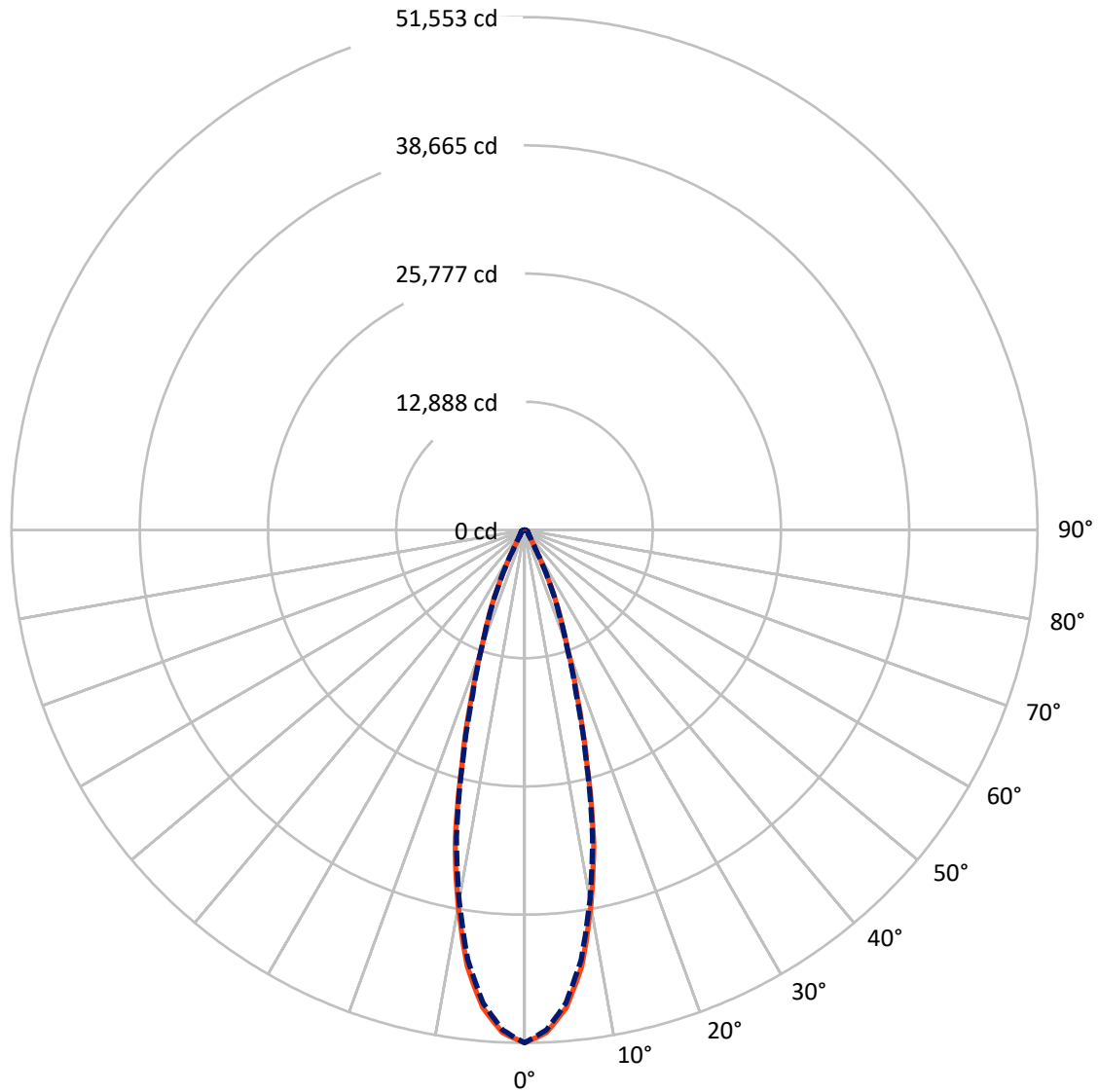
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### Lumen Table

90																
80	0.3	2.7		7.0		11.1		12.3		11.1		7.0		2.7		0.3
70																
60	1.2	1.4	2.8	4.6	6.4	7.8	8.7	9.2	9.2	8.7	7.8	6.4	4.6	2.8	1.4	1.2
50		2.1	4.2	6.7	9.0	11.1	12.4	12.9	12.9	12.4	11.1	9.0	6.7	4.2	2.1	
40	2.1	2.6	5.3	8.3	11.0	14.0	16.4	17.6	17.6	16.4	14.0	11.0	8.3	5.3	2.6	2.1
30		3.1	6.3	9.6	13.5	19.3	27.9	36.3	36.3	27.9	19.3	13.5	9.6	6.3	3.1	
20	2.7	3.5	6.9	10.8	17.3	37.7	106.0	188.0	188.0	106.0	37.7	17.3	10.8	6.9	3.5	2.7
10		3.7	7.2	11.7	23.6	98.9	352.3	675.2	675.2	352.3	98.9	23.6	11.7	7.2	3.7	
0	2.9	3.9	7.3	12.3	30.0	170.6	652.2	1282.8	1282.8	652.2	170.6	30.0	12.3	7.3	3.9	2.9
-10		3.9	7.3	12.3	30.0	170.6	652.2	1282.8	1282.8	652.2	170.6	30.0	12.3	7.3	3.9	
-20	2.7	3.7	7.2	11.7	23.6	98.9	352.3	675.2	675.2	352.3	98.9	23.6	11.7	7.2	3.7	2.7
-30		3.5	6.9	10.8	17.3	37.7	106.0	188.0	188.0	106.0	37.7	17.3	10.8	6.9	3.5	
-40	2.1	3.1	6.3	9.6	13.5	19.3	27.9	36.3	36.3	27.9	19.3	13.5	9.6	6.3	3.1	2.1
-50		2.6	5.3	8.3	11.0	14.0	16.4	17.6	17.6	16.4	14.0	11.0	8.3	5.3	2.6	
-60	1.2	2.1	4.2	6.7	9.0	11.1	12.4	12.9	12.9	12.4	11.1	9.0	6.7	4.2	2.1	1.2
-70		1.4	2.8	4.6	6.4	7.8	8.7	9.2	9.2	8.7	7.8	6.4	4.6	2.8	1.4	
-80																
-90	0.3	2.7		7.0		11.1		12.3		11.1		7.0		2.7		0.3

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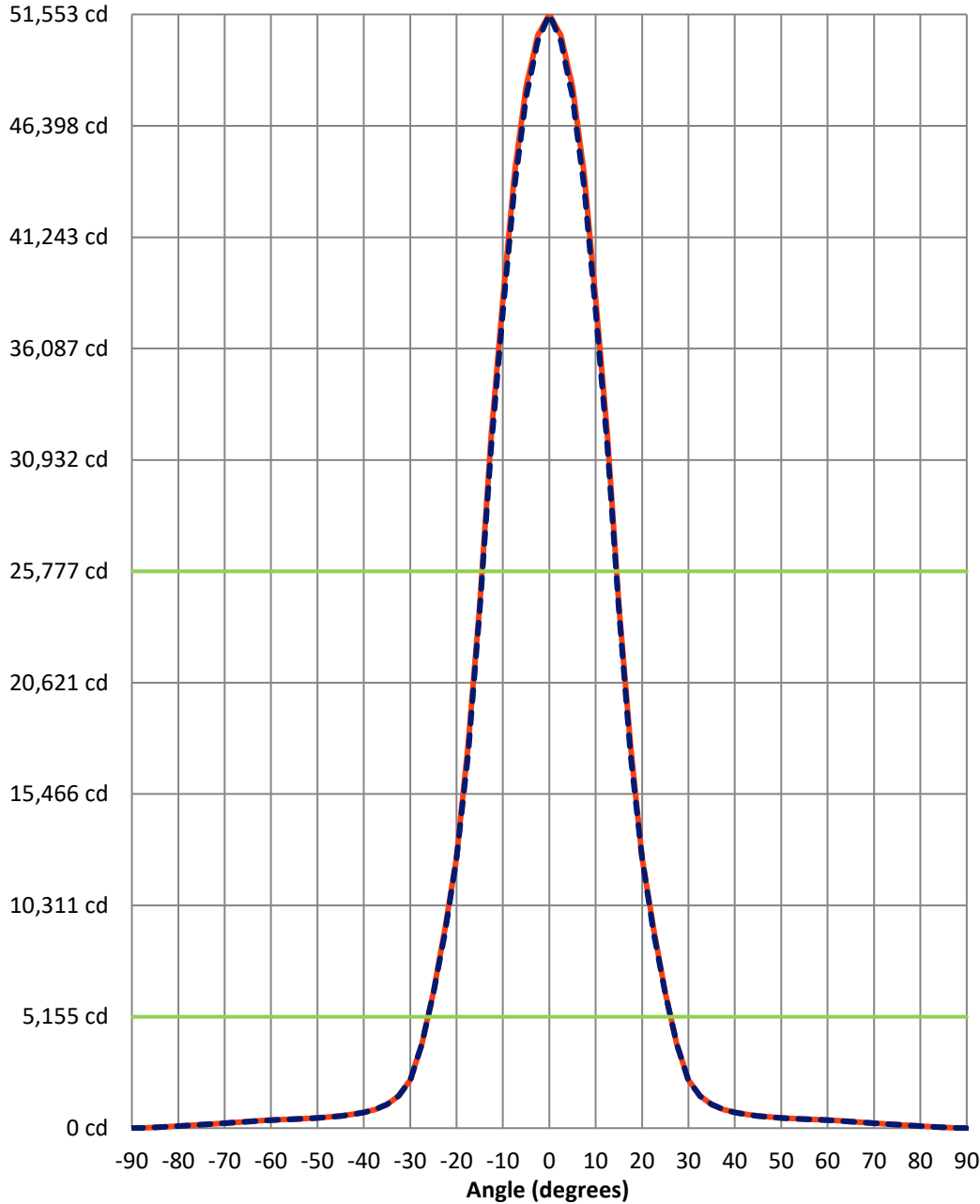
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 7831  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 13215.6  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 2891.5  
 Efficiency: 18.0%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.2	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
85°	0.0	1.2	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
82.5°	0.0	1.7	3.4	5.2	6.9	8.5	10.2	11.9	13.8	16.9	20.2
80°	0.0	2.3	4.6	6.9	9.1	11.4	13.9	17.9	22.2	26.6	31.2
77.5°	0.0	2.9	5.7	8.5	11.4	14.9	19.8	25.0	30.4	36.2	42.5
75°	0.0	3.4	6.8	10.2	13.9	19.8	25.6	31.9	38.8	46.8	54.7
72.5°	0.0	4.0	7.9	11.9	17.8	24.6	31.4	39.2	48.5	57.7	66.8
70°	0.0	4.5	9.0	13.7	21.6	29.4	37.3	47.7	58.2	68.5	79.8
67.5°	0.0	5.1	10.1	16.6	25.4	34.1	44.6	56.0	67.7	80.4	92.9
65°	0.0	5.6	11.1	19.3	29.1	39.4	51.7	64.1	78.0	92.0	106.0
62.5°	0.0	6.1	12.2	22.1	32.7	45.2	58.6	72.8	88.2	103.5	119.6
60°	0.0	6.6	13.2	24.7	36.2	50.9	65.4	81.5	98.1	115.2	132.8
57.5°	0.0	7.1	14.9	27.3	40.6	56.4	72.6	90.0	107.9	126.5	145.8
55°	0.0	7.6	16.6	29.8	44.9	61.8	79.6	98.2	117.5	137.5	158.6
52.5°	0.0	8.0	18.2	32.3	49.1	67.1	86.3	106.2	126.7	148.7	171.0
50°	0.0	8.5	19.8	34.7	53.2	72.4	92.8	114.0	135.7	159.5	182.4
47.5°	0.0	8.9	21.3	37.1	57.1	77.5	99.0	121.5	144.9	169.9	193.3
45°	0.0	9.3	22.8	39.9	60.9	82.4	105.1	128.6	153.9	179.1	203.6
42.5°	0.0	9.7	24.2	42.6	64.5	87.0	111.0	135.8	162.3	187.7	213.0
40°	0.0	10.1	25.5	45.2	67.9	91.4	116.6	142.7	170.1	195.8	222.0
37.5°	0.0	10.5	26.8	47.5	71.3	95.5	121.9	149.3	177.0	203.6	230.4
35°	0.0	10.8	28.0	49.8	74.3	99.6	126.9	155.3	183.5	211.0	238.3
32.5°	0.0	11.1	29.1	51.8	77.2	103.4	131.6	160.9	189.5	217.9	246.0
30°	0.0	11.4	30.2	53.7	79.9	107.1	136.1	166.0	195.2	224.2	253.1
27.5°	0.0	11.7	31.1	55.4	82.3	110.4	140.2	170.5	200.4	230.1	259.7
25°	0.0	12.0	32.0	56.9	84.5	113.5	143.9	174.6	205.1	235.5	265.8
22.5°	0.0	12.2	32.9	58.3	86.6	116.3	147.2	178.3	209.3	240.3	271.8
20°	0.0	12.4	33.6	59.5	88.5	118.7	150.0	181.6	213.1	244.6	277.2
17.5°	0.0	12.6	34.2	60.5	90.2	120.7	152.7	184.4	216.4	248.3	281.9
15°	0.0	12.7	34.8	61.3	91.7	122.4	155.1	187.1	219.2	251.5	285.8
12.5°	0.0	12.9	35.3	62.0	93.0	123.8	157.1	189.5	221.8	254.0	289.1
10°	0.0	13.0	35.7	62.5	94.0	124.8	158.9	191.6	224.1	257.1	292.1
7.5°	0.0	13.1	36.0	62.8	94.9	125.5	160.3	193.2	225.9	259.9	295.5
5°	0.0	13.1	36.2	63.0	95.5	125.9	161.3	194.3	227.2	262.1	298.1
2.5°	0.0	13.2	36.4	63.0	95.9	125.9	161.9	195.0	228.0	263.7	300.0
0°	0.0	13.2	36.4	62.9	96.0	125.7	162.1	195.2	228.3	264.7	301.1
-2.5°	0.0	13.2	36.4	63.0	95.9	125.9	161.9	195.0	228.0	263.7	300.0
-5°	0.0	13.1	36.2	63.0	95.5	125.9	161.3	194.3	227.2	262.1	298.1
-7.5°	0.0	13.1	36.0	62.8	94.9	125.5	160.3	193.2	225.9	259.9	295.5
-10°	0.0	13.0	35.7	62.5	94.0	124.8	158.9	191.6	224.1	257.1	292.1
-12.5°	0.0	12.9	35.3	62.0	93.0	123.8	157.1	189.5	221.8	254.0	289.1
-15°	0.0	12.7	34.8	61.3	91.7	122.4	155.1	187.1	219.2	251.5	285.8
-17.5°	0.0	12.6	34.2	60.5	90.2	120.7	152.7	184.4	216.4	248.3	281.9
-20°	0.0	12.4	33.6	59.5	88.5	118.7	150.0	181.6	213.1	244.6	277.2

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Scaled Data Report



REPORT NUMBER: P627185 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.2	32.9	58.3	86.6	116.3	147.2	178.3	209.3	240.3	271.8
-25°	0.0	12.0	32.0	56.9	84.5	113.5	143.9	174.6	205.1	235.5	265.8
-27.5°	0.0	11.7	31.1	55.4	82.3	110.4	140.2	170.5	200.4	230.1	259.7
-30°	0.0	11.4	30.2	53.7	79.9	107.1	136.1	166.0	195.2	224.2	253.1
-32.5°	0.0	11.1	29.1	51.8	77.2	103.4	131.6	160.9	189.5	217.9	246.0
-35°	0.0	10.8	28.0	49.8	74.3	99.6	126.9	155.3	183.5	211.0	238.3
-37.5°	0.0	10.5	26.8	47.5	71.3	95.5	121.9	149.3	177.0	203.6	230.4
-40°	0.0	10.1	25.5	45.2	67.9	91.4	116.6	142.7	170.1	195.8	222.0
-42.5°	0.0	9.7	24.2	42.6	64.5	87.0	111.0	135.8	162.3	187.7	213.0
-45°	0.0	9.3	22.8	39.9	60.9	82.4	105.1	128.6	153.9	179.1	203.6
-47.5°	0.0	8.9	21.3	37.1	57.1	77.5	99.0	121.5	144.9	169.9	193.3
-50°	0.0	8.5	19.8	34.7	53.2	72.4	92.8	114.0	135.7	159.5	182.4
-52.5°	0.0	8.0	18.2	32.3	49.1	67.1	86.3	106.2	126.7	148.7	171.0
-55°	0.0	7.6	16.6	29.8	44.9	61.8	79.6	98.2	117.5	137.5	158.6
-57.5°	0.0	7.1	14.9	27.3	40.6	56.4	72.6	90.0	107.9	126.5	145.8
-60°	0.0	6.6	13.2	24.7	36.2	50.9	65.4	81.5	98.1	115.2	132.8
-62.5°	0.0	6.1	12.2	22.1	32.7	45.2	58.6	72.8	88.2	103.5	119.6
-65°	0.0	5.6	11.1	19.3	29.1	39.4	51.7	64.1	78.0	92.0	106.0
-67.5°	0.0	5.1	10.1	16.6	25.4	34.1	44.6	56.0	67.7	80.4	92.9
-70°	0.0	4.5	9.0	13.7	21.6	29.4	37.3	47.7	58.2	68.5	79.8
-72.5°	0.0	4.0	7.9	11.9	17.8	24.6	31.4	39.2	48.5	57.7	66.8
-75°	0.0	3.4	6.8	10.2	13.9	19.8	25.6	31.9	38.8	46.8	54.7
-77.5°	0.0	2.9	5.7	8.5	11.4	14.9	19.8	25.0	30.4	36.2	42.5
-80°	0.0	2.3	4.6	6.9	9.1	11.4	13.9	17.9	22.2	26.6	31.2
-82.5°	0.0	1.7	3.4	5.2	6.9	8.5	10.2	11.9	13.8	16.9	20.2
-85°	0.0	1.2	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
-87.5°	0.0	0.6	1.2	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
-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-SA3D-722-U-MR-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°	6.1	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.7	10.1	10.5
85°	12.2	13.2	15.2	17.1	18.9	20.7	22.5	24.2	25.8	27.3	28.7
82.5°	23.3	26.4	29.3	32.2	35.0	37.7	40.3	42.8	45.2	47.5	49.7
80°	35.4	39.5	43.6	47.3	51.0	54.6	58.1	61.5	64.7	68.1	71.7
77.5°	48.3	53.4	58.2	62.5	67.1	72.8	78.2	83.5	88.5	93.3	97.8
75°	61.5	67.4	73.9	80.2	86.9	93.7	100.3	106.6	112.7	119.1	125.4
72.5°	75.4	83.4	91.2	98.8	107.2	115.4	123.0	129.8	137.6	146.2	154.1
70°	90.2	99.4	109.2	119.0	128.5	137.6	147.0	156.4	165.9	175.1	183.9
67.5°	105.0	116.6	128.0	139.0	149.8	160.8	171.8	183.2	194.1	204.6	214.8
65°	120.8	133.8	146.4	158.8	170.8	184.2	197.3	210.0	223.9	236.7	247.9
62.5°	136.1	150.7	164.7	178.7	193.3	208.1	223.3	239.2	255.7	267.6	277.9
60°	150.9	167.3	182.9	199.0	215.2	231.9	249.4	266.4	281.5	294.5	305.3
57.5°	165.3	183.7	201.0	218.4	236.2	255.2	274.5	291.8	305.8	318.4	330.2
55°	179.3	199.6	218.1	236.6	256.8	279.1	298.8	314.5	328.8	339.2	350.5
52.5°	192.6	214.3	233.6	254.4	277.5	300.6	320.2	335.5	347.5	358.3	369.3
50°	205.3	227.2	248.6	272.2	296.6	319.8	339.7	353.7	365.8	377.0	387.6
47.5°	216.8	239.6	263.8	289.0	314.5	337.4	356.5	370.8	383.3	394.8	406.4
45°	227.7	252.1	277.8	305.5	331.7	354.3	371.7	387.0	399.1	412.0	426.6
42.5°	238.1	264.2	292.1	321.6	348.3	369.1	385.9	400.5	414.4	430.0	446.3
40°	248.2	275.5	305.7	336.6	363.8	381.9	398.7	414.2	430.3	447.9	465.7
37.5°	257.7	287.0	318.4	350.7	375.3	394.0	411.3	428.7	446.8	465.7	487.9
35°	266.5	297.6	330.5	361.8	385.4	405.7	424.4	443.2	463.4	486.6	511.0
32.5°	275.0	307.2	341.8	371.1	394.6	416.3	436.9	458.2	481.4	506.8	534.7
30°	283.3	316.7	351.7	380.7	402.8	425.0	449.2	472.9	498.6	526.9	559.7
27.5°	291.5	325.5	360.0	388.1	410.0	432.6	458.5	487.3	515.5	546.4	584.4
25°	298.9	334.5	368.2	394.0	416.2	439.9	467.0	497.6	530.7	567.5	614.0
22.5°	305.9	342.7	375.9	399.1	421.4	446.3	475.3	507.8	543.7	586.4	643.2
20°	312.5	349.0	381.0	403.7	425.6	451.4	482.6	516.7	557.8	609.6	677.5
17.5°	318.3	354.4	384.5	407.5	430.1	456.6	488.7	524.3	570.5	630.0	710.4
15°	323.2	358.7	387.6	410.5	433.9	462.0	495.1	533.8	584.4	650.0	738.8
12.5°	327.3	362.2	390.2	412.6	436.9	465.9	500.5	543.1	598.3	671.8	777.0
10°	330.4	364.6	392.2	413.9	439.0	468.6	504.7	550.2	609.5	690.0	809.8
7.5°	333.5	366.9	393.7	414.5	440.2	469.9	507.7	555.3	617.7	703.7	836.0
5°	335.8	368.9	394.5	415.7	440.9	470.5	509.7	558.3	622.9	712.7	854.5
2.5°	337.1	370.2	394.5	416.7	441.0	470.7	512.1	559.9	628.6	720.3	865.0
0°	337.5	370.6	393.8	417.0	440.1	469.9	512.9	559.2	632.0	724.7	867.0
-2.5°	337.1	370.2	394.5	416.7	441.0	470.7	512.1	559.9	628.6	720.3	865.0
-5°	335.8	368.9	394.5	415.7	440.9	470.5	509.7	558.3	622.9	712.7	854.5
-7.5°	333.5	366.9	393.7	414.5	440.2	469.9	507.7	555.3	617.7	703.7	836.0
-10°	330.4	364.6	392.2	413.9	439.0	468.6	504.7	550.2	609.5	690.0	809.8
-12.5°	327.3	362.2	390.2	412.6	436.9	465.9	500.5	543.1	598.3	671.8	777.0
-15°	323.2	358.7	387.6	410.5	433.9	462.0	495.1	533.8	584.4	650.0	738.8
-17.5°	318.3	354.4	384.5	407.5	430.1	456.6	488.7	524.3	570.5	630.0	710.4
-20°	312.5	349.0	381.0	403.7	425.6	451.4	482.6	516.7	557.8	609.6	677.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627185 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	305.9	342.7	375.9	399.1	421.4	446.3	475.3	507.8	543.7	586.4	643.2
-25°	298.9	334.5	368.2	394.0	416.2	439.9	467.0	497.6	530.7	567.5	614.0
-27.5°	291.5	325.5	360.0	388.1	410.0	432.6	458.5	487.3	515.5	546.4	584.4
-30°	283.3	316.7	351.7	380.7	402.8	425.0	449.2	472.9	498.6	526.9	559.7
-32.5°	275.0	307.2	341.8	371.1	394.6	416.3	436.9	458.2	481.4	506.8	534.7
-35°	266.5	297.6	330.5	361.8	385.4	405.7	424.4	443.2	463.4	486.6	511.0
-37.5°	257.7	287.0	318.4	350.7	375.3	394.0	411.3	428.7	446.8	465.7	487.9
-40°	248.2	275.5	305.7	336.6	363.8	381.9	398.7	414.2	430.3	447.9	465.7
-42.5°	238.1	264.2	292.1	321.6	348.3	369.1	385.9	400.5	414.4	430.0	446.3
-45°	227.7	252.1	277.8	305.5	331.7	354.3	371.7	387.0	399.1	412.0	426.6
-47.5°	216.8	239.6	263.8	289.0	314.5	337.4	356.5	370.8	383.3	394.8	406.4
-50°	205.3	227.2	248.6	272.2	296.6	319.8	339.7	353.7	365.8	377.0	387.6
-52.5°	192.6	214.3	233.6	254.4	277.5	300.6	320.2	335.5	347.5	358.3	369.3
-55°	179.3	199.6	218.1	236.6	256.8	279.1	298.8	314.5	328.8	339.2	350.5
-57.5°	165.3	183.7	201.0	218.4	236.2	255.2	274.5	291.8	305.8	318.4	330.2
-60°	150.9	167.3	182.9	199.0	215.2	231.9	249.4	266.4	281.5	294.5	305.3
-62.5°	136.1	150.7	164.7	178.7	193.3	208.1	223.3	239.2	255.7	267.6	277.9
-65°	120.8	133.8	146.4	158.8	170.8	184.2	197.3	210.0	223.9	236.7	247.9
-67.5°	105.0	116.6	128.0	139.0	149.8	160.8	171.8	183.2	194.1	204.6	214.8
-70°	90.2	99.4	109.2	119.0	128.5	137.6	147.0	156.4	165.9	175.1	183.9
-72.5°	75.4	83.4	91.2	98.8	107.2	115.4	123.0	129.8	137.6	146.2	154.1
-75°	61.5	67.4	73.9	80.2	86.9	93.7	100.3	106.6	112.7	119.1	125.4
-77.5°	48.3	53.4	58.2	62.5	67.1	72.8	78.2	83.5	88.5	93.3	97.8
-80°	35.4	39.5	43.6	47.3	51.0	54.6	58.1	61.5	64.7	68.1	71.7
-82.5°	23.3	26.4	29.3	32.2	35.0	37.7	40.3	42.8	45.2	47.5	49.7
-85°	12.2	13.2	15.2	17.1	18.9	20.7	22.5	24.2	25.8	27.3	28.7
-87.5°	6.1	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.7	10.1	10.5
-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: P627185 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-722-U-MR-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°	10.8	11.1	11.4	11.7	12.0	12.2	12.4	12.6	12.7	12.9	13.0
85°	30.1	31.4	32.6	33.7	34.7	35.0	35.1	35.0	34.8	35.3	35.7
82.5°	51.8	54.1	56.4	58.8	61.0	61.9	62.5	62.9	63.2	64.1	64.8
80°	75.2	78.8	82.2	85.3	88.0	89.9	91.7	93.3	94.8	95.4	95.8
77.5°	102.4	106.8	111.0	114.9	118.4	121.2	123.5	125.4	126.8	127.7	128.3
75°	131.6	137.3	142.3	146.9	151.2	154.2	156.3	157.9	158.9	160.0	160.8
72.5°	161.2	167.6	173.6	179.2	184.1	187.5	190.0	191.9	193.4	194.5	195.0
70°	192.3	199.9	206.5	212.1	216.5	219.9	222.5	224.6	226.2	227.3	227.9
67.5°	224.4	232.6	238.8	243.7	247.7	251.2	254.4	256.8	258.4	260.0	261.7
65°	257.2	265.6	271.9	277.1	281.3	285.8	290.0	293.1	295.1	297.0	298.9
62.5°	288.0	297.5	304.8	311.6	318.5	325.0	328.8	331.7	333.8	335.7	337.8
60°	316.1	326.8	335.7	343.9	352.4	360.8	364.3	367.1	369.7	372.1	374.3
57.5°	340.9	352.3	363.2	371.3	379.4	387.3	392.8	395.8	397.8	398.9	399.8
55°	362.6	374.0	384.8	394.2	402.9	411.1	417.2	420.1	422.2	423.6	424.5
52.5°	382.0	394.1	405.7	416.1	425.6	434.3	441.9	446.0	449.2	451.6	452.3
50°	401.0	414.2	426.7	437.8	448.8	459.3	469.0	474.6	478.5	481.0	481.7
47.5°	420.9	435.2	448.7	461.7	474.2	486.6	498.1	505.7	511.3	515.5	518.5
45°	441.6	457.0	472.0	487.3	501.6	517.6	532.1	543.2	551.5	558.6	564.3
42.5°	462.5	479.7	496.9	516.6	536.2	554.4	571.7	586.4	599.8	613.0	623.3
40°	485.1	504.0	527.6	550.9	575.0	596.2	621.4	643.9	664.6	687.0	705.5
37.5°	509.9	534.2	562.0	590.0	621.4	651.9	687.0	721.7	751.8	790.9	822.2
35°	536.9	567.6	600.5	638.0	678.6	726.4	775.6	833.3	882.3	944.4	1001.8
32.5°	566.9	603.0	645.8	697.4	752.1	828.9	900.9	998.7	1082.3	1190.2	1308.0
30°	597.4	644.2	702.3	768.9	861.5	970.5	1097.6	1262.9	1441.7	1626.7	1875.7
27.5°	633.7	694.4	767.0	869.8	1008.2	1159.1	1418.0	1697.6	2087.0	2395.4	2944.5
25°	672.7	747.8	855.0	1004.1	1195.4	1500.7	1937.8	2443.8	3223.1	3916.3	4713.0
22.5°	718.9	821.0	962.9	1158.1	1491.5	2016.9	2699.0	3738.3	4893.6	6033.8	7075.9
20°	767.9	891.1	1089.6	1407.6	1922.8	2682.5	3899.6	5384.6	6918.3	8481.0	9797.8
17.5°	825.0	992.3	1253.8	1676.1	2411.3	3711.9	5337.6	7225.9	9229.5	11223.5	12955.6
15°	874.1	1080.9	1432.9	2065.5	3161.8	4788.6	6786.6	9171.4	11691.2	14279.0	17083.6
12.5°	936.7	1187.6	1617.5	2387.5	3827.8	5942.2	8386.9	11155.8	14232.7	17668.6	22041.0
10°	994.2	1299.4	1860.3	2903.3	4628.2	7019.8	9769.2	12910.6	16901.6	22064.9	27339.1
7.5°	1040.3	1388.1	2048.5	3305.8	5299.5	7940.3	11013.9	14780.2	19759.3	25907.7	31933.8
5°	1072.3	1449.6	2183.3	3609.9	5839.5	8643.9	11897.2	16158.4	22168.1	29053.1	35206.1
2.5°	1092.4	1483.3	2249.2	3790.5	6191.7	9067.2	12448.3	17034.3	23644.4	31055.4	37285.1
0°	1101.9	1489.1	2207.2	3878.3	6241.1	9037.3	12498.7	17326.8	23994.7	31599.1	37803.8
-2.5°	1092.4	1483.3	2249.2	3790.5	6191.7	9067.2	12448.3	17034.3	23644.4	31055.4	37285.1
-5°	1072.3	1449.6	2183.3	3609.9	5839.5	8643.9	11897.2	16158.4	22168.1	29053.1	35206.1
-7.5°	1040.3	1388.1	2048.5	3305.8	5299.5	7940.3	11013.9	14780.2	19759.3	25907.7	31933.8
-10°	994.2	1299.4	1860.3	2903.3	4628.2	7019.8	9769.2	12910.6	16901.6	22064.9	27339.1
-12.5°	936.7	1187.6	1617.5	2387.5	3827.8	5942.2	8386.9	11155.8	14232.7	17668.6	22041.0
-15°	874.1	1080.9	1432.9	2065.5	3161.8	4788.6	6786.6	9171.4	11691.2	14279.0	17083.6
-17.5°	825.0	992.3	1253.8	1676.1	2411.3	3711.9	5337.6	7225.9	9229.5	11223.5	12955.6
-20°	767.9	891.1	1089.6	1407.6	1922.8	2682.5	3899.6	5384.6	6918.3	8481.0	9797.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627185 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	718.9	821.0	962.9	1158.1	1491.5	2016.9	2699.0	3738.3	4893.6	6033.8	7075.9
-25°	672.7	747.8	855.0	1004.1	1195.4	1500.7	1937.8	2443.8	3223.1	3916.3	4713.0
-27.5°	633.7	694.4	767.0	869.8	1008.2	1159.1	1418.0	1697.6	2087.0	2395.4	2944.5
-30°	597.4	644.2	702.3	768.9	861.5	970.5	1097.6	1262.9	1441.7	1626.7	1875.7
-32.5°	566.9	603.0	645.8	697.4	752.1	828.9	900.9	998.7	1082.3	1190.2	1308.0
-35°	536.9	567.6	600.5	638.0	678.6	726.4	775.6	833.3	882.3	944.4	1001.8
-37.5°	509.9	534.2	562.0	590.0	621.4	651.9	687.0	721.7	751.8	790.9	822.2
-40°	485.1	504.0	527.6	550.9	575.0	596.2	621.4	643.9	664.6	687.0	705.5
-42.5°	462.5	479.7	496.9	516.6	536.2	554.4	571.7	586.4	599.8	613.0	623.3
-45°	441.6	457.0	472.0	487.3	501.6	517.6	532.1	543.2	551.5	558.6	564.3
-47.5°	420.9	435.2	448.7	461.7	474.2	486.6	498.1	505.7	511.3	515.5	518.5
-50°	401.0	414.2	426.7	437.8	448.8	459.3	469.0	474.6	478.5	481.0	481.7
-52.5°	382.0	394.1	405.7	416.1	425.6	434.3	441.9	446.0	449.2	451.6	452.3
-55°	362.6	374.0	384.8	394.2	402.9	411.1	417.2	420.1	422.2	423.6	424.5
-57.5°	340.9	352.3	363.2	371.3	379.4	387.3	392.8	395.8	397.8	398.9	399.8
-60°	316.1	326.8	335.7	343.9	352.4	360.8	364.3	367.1	369.7	372.1	374.3
-62.5°	288.0	297.5	304.8	311.6	318.5	325.0	328.8	331.7	333.8	335.7	337.8
-65°	257.2	265.6	271.9	277.1	281.3	285.8	290.0	293.1	295.1	297.0	298.9
-67.5°	224.4	232.6	238.8	243.7	247.7	251.2	254.4	256.8	258.4	260.0	261.7
-70°	192.3	199.9	206.5	212.1	216.5	219.9	222.5	224.6	226.2	227.3	227.9
-72.5°	161.2	167.6	173.6	179.2	184.1	187.5	190.0	191.9	193.4	194.5	195.0
-75°	131.6	137.3	142.3	146.9	151.2	154.2	156.3	157.9	158.9	160.0	160.8
-77.5°	102.4	106.8	111.0	114.9	118.4	121.2	123.5	125.4	126.8	127.7	128.3
-80°	75.2	78.8	82.2	85.3	88.0	89.9	91.7	93.3	94.8	95.4	95.8
-82.5°	51.8	54.1	56.4	58.8	61.0	61.9	62.5	62.9	63.2	64.1	64.8
-85°	30.1	31.4	32.6	33.7	34.7	35.0	35.1	35.0	34.8	35.3	35.7
-87.5°	10.8	11.1	11.4	11.7	12.0	12.2	12.4	12.6	12.7	12.9	13.0
-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: P627185 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-722-U-MR-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°	13.1	13.1	13.2	13.2	13.2	13.1	13.1	13.0	12.9	12.7	12.6
85°	36.0	36.2	36.4	36.4	36.4	36.2	36.0	35.7	35.3	34.8	35.0
82.5°	65.4	65.9	66.1	66.2	66.1	65.9	65.4	64.8	64.1	63.2	62.9
80°	95.8	95.6	95.9	96.0	95.9	95.6	95.8	95.8	95.4	94.8	93.3
77.5°	128.5	128.5	128.9	129.1	128.9	128.5	128.5	128.3	127.7	126.8	125.4
75°	161.3	161.4	161.9	162.1	161.9	161.4	161.3	160.8	160.0	158.9	157.9
72.5°	195.0	194.4	195.0	195.2	195.0	194.4	195.0	195.0	194.5	193.4	191.9
70°	227.9	227.5	229.6	231.6	229.6	227.5	227.9	227.9	227.3	226.2	224.6
67.5°	262.9	263.5	265.9	268.0	265.9	263.5	262.9	261.7	260.0	258.4	256.8
65°	299.9	300.0	302.2	304.4	302.2	300.0	299.9	298.9	297.0	295.1	293.1
62.5°	339.1	339.4	341.8	344.2	341.8	339.4	339.1	337.8	335.7	333.8	331.7
60°	375.5	375.9	376.8	377.2	376.8	375.9	375.5	374.3	372.1	369.7	367.1
57.5°	400.1	399.7	400.1	400.4	400.1	399.7	400.1	399.8	398.9	397.8	395.8
55°	424.3	423.2	422.0	420.3	422.0	423.2	424.3	424.5	423.6	422.2	420.1
52.5°	451.7	449.9	448.3	446.7	448.3	449.9	451.7	452.3	451.6	449.2	446.0
50°	481.2	479.6	478.1	476.5	478.1	479.6	481.2	481.7	481.0	478.5	474.6
47.5°	520.5	521.2	520.9	519.5	520.9	521.2	520.5	518.5	515.5	511.3	505.7
45°	568.3	570.2	570.4	569.2	570.4	570.2	568.3	564.3	558.6	551.5	543.2
42.5°	630.6	634.8	637.1	638.7	637.1	634.8	630.6	623.3	613.0	599.8	586.4
40°	718.9	727.4	732.8	737.9	732.8	727.4	718.9	705.5	687.0	664.6	643.9
37.5°	845.5	861.0	867.9	863.7	867.9	861.0	845.5	822.2	790.9	751.8	721.7
35°	1045.9	1075.4	1090.7	1092.0	1090.7	1075.4	1045.9	1001.8	944.4	882.3	833.3
32.5°	1395.0	1455.4	1487.9	1492.4	1487.9	1455.4	1395.0	1308.0	1190.2	1082.3	998.7
30°	2066.4	2189.6	2247.4	2233.7	2247.4	2189.6	2066.4	1875.7	1626.7	1441.7	1262.9
27.5°	3371.4	3678.5	3860.6	3875.0	3860.6	3678.5	3371.4	2944.5	2395.4	2087.0	1697.6
25°	5418.6	5942.9	6278.7	6284.1	6278.7	5942.9	5418.6	4713.0	3916.3	3223.1	2443.8
22.5°	8039.6	8755.4	9147.5	9216.0	9147.5	8755.4	8039.6	7075.9	6033.8	4893.6	3738.3
20°	11076.3	12028.4	12537.8	12538.4	12537.8	12028.4	11076.3	9797.8	8481.0	6918.3	5384.6
17.5°	14816.0	16362.0	17332.5	17750.3	17332.5	16362.0	14816.0	12955.6	11223.5	9229.5	7225.9
15°	19784.2	22382.3	23939.1	24219.7	23939.1	22382.3	19784.2	17083.6	14279.0	11691.2	9171.4
12.5°	25833.7	29121.6	31331.8	32141.8	31331.8	29121.6	25833.7	22041.0	17668.6	14232.7	11155.8
10°	32149.8	35196.3	37564.1	38359.8	37564.1	35196.3	32149.8	27339.1	22064.9	16901.6	12910.6
7.5°	36712.8	40345.5	43012.6	44183.9	43012.6	40345.5	36712.8	31933.8	25907.7	19759.3	14780.2
5°	40314.7	44613.2	47096.0	48197.9	47096.0	44613.2	40314.7	35206.1	29053.1	22168.1	16158.4
2.5°	42678.0	46925.3	49554.5	50570.5	49554.5	46925.3	42678.0	37285.1	31055.4	23644.4	17034.3
0°	43561.8	47714.7	50312.4	51553.4	50312.4	47714.7	43561.8	37803.8	31599.1	23994.7	17326.8
-2.5°	42678.0	46925.3	49554.5	50570.5	49554.5	46925.3	42678.0	37285.1	31055.4	23644.4	17034.3
-5°	40314.7	44613.2	47096.0	48197.9	47096.0	44613.2	40314.7	35206.1	29053.1	22168.1	16158.4
-7.5°	36712.8	40345.5	43012.6	44183.9	43012.6	40345.5	36712.8	31933.8	25907.7	19759.3	14780.2
-10°	32149.8	35196.3	37564.1	38359.8	37564.1	35196.3	32149.8	27339.1	22064.9	16901.6	12910.6
-12.5°	25833.7	29121.6	31331.8	32141.8	31331.8	29121.6	25833.7	22041.0	17668.6	14232.7	11155.8
-15°	19784.2	22382.3	23939.1	24219.7	23939.1	22382.3	19784.2	17083.6	14279.0	11691.2	9171.4
-17.5°	14816.0	16362.0	17332.5	17750.3	17332.5	16362.0	14816.0	12955.6	11223.5	9229.5	7225.9
-20°	11076.3	12028.4	12537.8	12538.4	12537.8	12028.4	11076.3	9797.8	8481.0	6918.3	5384.6



REPORT NUMBER: P627185 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8039.6	8755.4	9147.5	9216.0	9147.5	8755.4	8039.6	7075.9	6033.8	4893.6	3738.3
-25°	5418.6	5942.9	6278.7	6284.1	6278.7	5942.9	5418.6	4713.0	3916.3	3223.1	2443.8
-27.5°	3371.4	3678.5	3860.6	3875.0	3860.6	3678.5	3371.4	2944.5	2395.4	2087.0	1697.6
-30°	2066.4	2189.6	2247.4	2233.7	2247.4	2189.6	2066.4	1875.7	1626.7	1441.7	1262.9
-32.5°	1395.0	1455.4	1487.9	1492.4	1487.9	1455.4	1395.0	1308.0	1190.2	1082.3	998.7
-35°	1045.9	1075.4	1090.7	1092.0	1090.7	1075.4	1045.9	1001.8	944.4	882.3	833.3
-37.5°	845.5	861.0	867.9	863.7	867.9	861.0	845.5	822.2	790.9	751.8	721.7
-40°	718.9	727.4	732.8	737.9	732.8	727.4	718.9	705.5	687.0	664.6	643.9
-42.5°	630.6	634.8	637.1	638.7	637.1	634.8	630.6	623.3	613.0	599.8	586.4
-45°	568.3	570.2	570.4	569.2	570.4	570.2	568.3	564.3	558.6	551.5	543.2
-47.5°	520.5	521.2	520.9	519.5	520.9	521.2	520.5	518.5	515.5	511.3	505.7
-50°	481.2	479.6	478.1	476.5	478.1	479.6	481.2	481.7	481.0	478.5	474.6
-52.5°	451.7	449.9	448.3	446.7	448.3	449.9	451.7	452.3	451.6	449.2	446.0
-55°	424.3	423.2	422.0	420.3	422.0	423.2	424.3	424.5	423.6	422.2	420.1
-57.5°	400.1	399.7	400.1	400.4	400.1	399.7	400.1	399.8	398.9	397.8	395.8
-60°	375.5	375.9	376.8	377.2	376.8	375.9	375.5	374.3	372.1	369.7	367.1
-62.5°	339.1	339.4	341.8	344.2	341.8	339.4	339.1	337.8	335.7	333.8	331.7
-65°	299.9	300.0	302.2	304.4	302.2	300.0	299.9	298.9	297.0	295.1	293.1
-67.5°	262.9	263.5	265.9	268.0	265.9	263.5	262.9	261.7	260.0	258.4	256.8
-70°	227.9	227.5	229.6	231.6	229.6	227.5	227.9	227.9	227.3	226.2	224.6
-72.5°	195.0	194.4	195.0	195.2	195.0	194.4	195.0	195.0	194.5	193.4	191.9
-75°	161.3	161.4	161.9	162.1	161.9	161.4	161.3	160.8	160.0	158.9	157.9
-77.5°	128.5	128.5	128.9	129.1	128.9	128.5	128.5	128.3	127.7	126.8	125.4
-80°	95.8	95.6	95.9	96.0	95.9	95.6	95.8	95.8	95.4	94.8	93.3
-82.5°	65.4	65.9	66.1	66.2	66.1	65.9	65.4	64.8	64.1	63.2	62.9
-85°	36.0	36.2	36.4	36.4	36.4	36.2	36.0	35.7	35.3	34.8	35.0
-87.5°	13.1	13.1	13.2	13.2	13.2	13.1	13.1	13.0	12.9	12.7	12.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627185 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-MR-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°	12.4	12.2	12.0	11.7	11.4	11.1	10.8	10.5	10.1	9.7	9.3
85°	35.1	35.0	34.7	33.7	32.6	31.4	30.1	28.7	27.3	25.8	24.2
82.5°	62.5	61.9	61.0	58.8	56.4	54.1	51.8	49.7	47.5	45.2	42.8
80°	91.7	89.9	88.0	85.3	82.2	78.8	75.2	71.7	68.1	64.7	61.5
77.5°	123.5	121.2	118.4	114.9	111.0	106.8	102.4	97.8	93.3	88.5	83.5
75°	156.3	154.2	151.2	146.9	142.3	137.3	131.6	125.4	119.1	112.7	106.6
72.5°	190.0	187.5	184.1	179.2	173.6	167.6	161.2	154.1	146.2	137.6	129.8
70°	222.5	219.9	216.5	212.1	206.5	199.9	192.3	183.9	175.1	165.9	156.4
67.5°	254.4	251.2	247.7	243.7	238.8	232.6	224.4	214.8	204.6	194.1	183.2
65°	290.0	285.8	281.3	277.1	271.9	265.6	257.2	247.9	236.7	223.9	210.0
62.5°	328.8	325.0	318.5	311.6	304.8	297.5	288.0	277.9	267.6	255.7	239.2
60°	364.3	360.8	352.4	343.9	335.7	326.8	316.1	305.3	294.5	281.5	266.4
57.5°	392.8	387.3	379.4	371.3	363.2	352.3	340.9	330.2	318.4	305.8	291.8
55°	417.2	411.1	402.9	394.2	384.8	374.0	362.6	350.5	339.2	328.8	314.5
52.5°	441.9	434.3	425.6	416.1	405.7	394.1	382.0	369.3	358.3	347.5	335.5
50°	469.0	459.3	448.8	437.8	426.7	414.2	401.0	387.6	377.0	365.8	353.7
47.5°	498.1	486.6	474.2	461.7	448.7	435.2	420.9	406.4	394.8	383.3	370.8
45°	532.1	517.6	501.6	487.3	472.0	457.0	441.6	426.6	412.0	399.1	387.0
42.5°	571.7	554.4	536.2	516.6	496.9	479.7	462.5	446.3	430.0	414.4	400.5
40°	621.4	596.2	575.0	550.9	527.6	504.0	485.1	465.7	447.9	430.3	414.2
37.5°	687.0	651.9	621.4	590.0	562.0	534.2	509.9	487.9	465.7	446.8	428.7
35°	775.6	726.4	678.6	638.0	600.5	567.6	536.9	511.0	486.6	463.4	443.2
32.5°	900.9	828.9	752.1	697.4	645.8	603.0	566.9	534.7	506.8	481.4	458.2
30°	1097.6	970.5	861.5	768.9	702.3	644.2	597.4	559.7	526.9	498.6	472.9
27.5°	1418.0	1159.1	1008.2	869.8	767.0	694.4	633.7	584.4	546.4	515.5	487.3
25°	1937.8	1500.7	1195.4	1004.1	855.0	747.8	672.7	614.0	567.5	530.7	497.6
22.5°	2699.0	2016.9	1491.5	1158.1	962.9	821.0	718.9	643.2	586.4	543.7	507.8
20°	3899.6	2682.5	1922.8	1407.6	1089.6	891.1	767.9	677.5	609.6	557.8	516.7
17.5°	5337.6	3711.9	2411.3	1676.1	1253.8	992.3	825.0	710.4	630.0	570.5	524.3
15°	6786.6	4788.6	3161.8	2065.5	1432.9	1080.9	874.1	738.8	650.0	584.4	533.8
12.5°	8386.9	5942.2	3827.8	2387.5	1617.5	1187.6	936.7	777.0	671.8	598.3	543.1
10°	9769.2	7019.8	4628.2	2903.3	1860.3	1299.4	994.2	809.8	690.0	609.5	550.2
7.5°	11013.9	7940.3	5299.5	3305.8	2048.5	1388.1	1040.3	836.0	703.7	617.7	555.3
5°	11897.2	8643.9	5839.5	3609.9	2183.3	1449.6	1072.3	854.5	712.7	622.9	558.3
2.5°	12448.3	9067.2	6191.7	3790.5	2249.2	1483.3	1092.4	865.0	720.3	628.6	559.9
0°	12498.7	9037.3	6241.1	3878.3	2207.2	1489.1	1101.9	867.0	724.7	632.0	559.2
-2.5°	12448.3	9067.2	6191.7	3790.5	2249.2	1483.3	1092.4	865.0	720.3	628.6	559.9
-5°	11897.2	8643.9	5839.5	3609.9	2183.3	1449.6	1072.3	854.5	712.7	622.9	558.3
-7.5°	11013.9	7940.3	5299.5	3305.8	2048.5	1388.1	1040.3	836.0	703.7	617.7	555.3
-10°	9769.2	7019.8	4628.2	2903.3	1860.3	1299.4	994.2	809.8	690.0	609.5	550.2
-12.5°	8386.9	5942.2	3827.8	2387.5	1617.5	1187.6	936.7	777.0	671.8	598.3	543.1
-15°	6786.6	4788.6	3161.8	2065.5	1432.9	1080.9	874.1	738.8	650.0	584.4	533.8
-17.5°	5337.6	3711.9	2411.3	1676.1	1253.8	992.3	825.0	710.4	630.0	570.5	524.3
-20°	3899.6	2682.5	1922.8	1407.6	1089.6	891.1	767.9	677.5	609.6	557.8	516.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627185 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2699.0	2016.9	1491.5	1158.1	962.9	821.0	718.9	643.2	586.4	543.7	507.8
-25°	1937.8	1500.7	1195.4	1004.1	855.0	747.8	672.7	614.0	567.5	530.7	497.6
-27.5°	1418.0	1159.1	1008.2	869.8	767.0	694.4	633.7	584.4	546.4	515.5	487.3
-30°	1097.6	970.5	861.5	768.9	702.3	644.2	597.4	559.7	526.9	498.6	472.9
-32.5°	900.9	828.9	752.1	697.4	645.8	603.0	566.9	534.7	506.8	481.4	458.2
-35°	775.6	726.4	678.6	638.0	600.5	567.6	536.9	511.0	486.6	463.4	443.2
-37.5°	687.0	651.9	621.4	590.0	562.0	534.2	509.9	487.9	465.7	446.8	428.7
-40°	621.4	596.2	575.0	550.9	527.6	504.0	485.1	465.7	447.9	430.3	414.2
-42.5°	571.7	554.4	536.2	516.6	496.9	479.7	462.5	446.3	430.0	414.4	400.5
-45°	532.1	517.6	501.6	487.3	472.0	457.0	441.6	426.6	412.0	399.1	387.0
-47.5°	498.1	486.6	474.2	461.7	448.7	435.2	420.9	406.4	394.8	383.3	370.8
-50°	469.0	459.3	448.8	437.8	426.7	414.2	401.0	387.6	377.0	365.8	353.7
-52.5°	441.9	434.3	425.6	416.1	405.7	394.1	382.0	369.3	358.3	347.5	335.5
-55°	417.2	411.1	402.9	394.2	384.8	374.0	362.6	350.5	339.2	328.8	314.5
-57.5°	392.8	387.3	379.4	371.3	363.2	352.3	340.9	330.2	318.4	305.8	291.8
-60°	364.3	360.8	352.4	343.9	335.7	326.8	316.1	305.3	294.5	281.5	266.4
-62.5°	328.8	325.0	318.5	311.6	304.8	297.5	288.0	277.9	267.6	255.7	239.2
-65°	290.0	285.8	281.3	277.1	271.9	265.6	257.2	247.9	236.7	223.9	210.0
-67.5°	254.4	251.2	247.7	243.7	238.8	232.6	224.4	214.8	204.6	194.1	183.2
-70°	222.5	219.9	216.5	212.1	206.5	199.9	192.3	183.9	175.1	165.9	156.4
-72.5°	190.0	187.5	184.1	179.2	173.6	167.6	161.2	154.1	146.2	137.6	129.8
-75°	156.3	154.2	151.2	146.9	142.3	137.3	131.6	125.4	119.1	112.7	106.6
-77.5°	123.5	121.2	118.4	114.9	111.0	106.8	102.4	97.8	93.3	88.5	83.5
-80°	91.7	89.9	88.0	85.3	82.2	78.8	75.2	71.7	68.1	64.7	61.5
-82.5°	62.5	61.9	61.0	58.8	56.4	54.1	51.8	49.7	47.5	45.2	42.8
-85°	35.1	35.0	34.7	33.7	32.6	31.4	30.1	28.7	27.3	25.8	24.2
-87.5°	12.4	12.2	12.0	11.7	11.4	11.1	10.8	10.5	10.1	9.7	9.3
-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: P627185 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-722-U-MR-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°	8.9	8.5	8.0	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
85°	22.5	20.7	18.9	17.1	15.2	13.2	12.2	11.1	10.1	9.0	7.9
82.5°	40.3	37.7	35.0	32.2	29.3	26.4	23.3	20.2	16.9	13.8	11.9
80°	58.1	54.6	51.0	47.3	43.6	39.5	35.4	31.2	26.6	22.2	17.9
77.5°	78.2	72.8	67.1	62.5	58.2	53.4	48.3	42.5	36.2	30.4	25.0
75°	100.3	93.7	86.9	80.2	73.9	67.4	61.5	54.7	46.8	38.8	31.9
72.5°	123.0	115.4	107.2	98.8	91.2	83.4	75.4	66.8	57.7	48.5	39.2
70°	147.0	137.6	128.5	119.0	109.2	99.4	90.2	79.8	68.5	58.2	47.7
67.5°	171.8	160.8	149.8	139.0	128.0	116.6	105.0	92.9	80.4	67.7	56.0
65°	197.3	184.2	170.8	158.8	146.4	133.8	120.8	106.0	92.0	78.0	64.1
62.5°	223.3	208.1	193.3	178.7	164.7	150.7	136.1	119.6	103.5	88.2	72.8
60°	249.4	231.9	215.2	199.0	182.9	167.3	150.9	132.8	115.2	98.1	81.5
57.5°	274.5	255.2	236.2	218.4	201.0	183.7	165.3	145.8	126.5	107.9	90.0
55°	298.8	279.1	256.8	236.6	218.1	199.6	179.3	158.6	137.5	117.5	98.2
52.5°	320.2	300.6	277.5	254.4	233.6	214.3	192.6	171.0	148.7	126.7	106.2
50°	339.7	319.8	296.6	272.2	248.6	227.2	205.3	182.4	159.5	135.7	114.0
47.5°	356.5	337.4	314.5	289.0	263.8	239.6	216.8	193.3	169.9	144.9	121.5
45°	371.7	354.3	331.7	305.5	277.8	252.1	227.7	203.6	179.1	153.9	128.6
42.5°	385.9	369.1	348.3	321.6	292.1	264.2	238.1	213.0	187.7	162.3	135.8
40°	398.7	381.9	363.8	336.6	305.7	275.5	248.2	222.0	195.8	170.1	142.7
37.5°	411.3	394.0	375.3	350.7	318.4	287.0	257.7	230.4	203.6	177.0	149.3
35°	424.4	405.7	385.4	361.8	330.5	297.6	266.5	238.3	211.0	183.5	155.3
32.5°	436.9	416.3	394.6	371.1	341.8	307.2	275.0	246.0	217.9	189.5	160.9
30°	449.2	425.0	402.8	380.7	351.7	316.7	283.3	253.1	224.2	195.2	166.0
27.5°	458.5	432.6	410.0	388.1	360.0	325.5	291.5	259.7	230.1	200.4	170.5
25°	467.0	439.9	416.2	394.0	368.2	334.5	298.9	265.8	235.5	205.1	174.6
22.5°	475.3	446.3	421.4	399.1	375.9	342.7	305.9	271.8	240.3	209.3	178.3
20°	482.6	451.4	425.6	403.7	381.0	349.0	312.5	277.2	244.6	213.1	181.6
17.5°	488.7	456.6	430.1	407.5	384.5	354.4	318.3	281.9	248.3	216.4	184.4
15°	495.1	462.0	433.9	410.5	387.6	358.7	323.2	285.8	251.5	219.2	187.1
12.5°	500.5	465.9	436.9	412.6	390.2	362.2	327.3	289.1	254.0	221.8	189.5
10°	504.7	468.6	439.0	413.9	392.2	364.6	330.4	292.1	257.1	224.1	191.6
7.5°	507.7	469.9	440.2	414.5	393.7	366.9	333.5	295.5	259.9	225.9	193.2
5°	509.7	470.5	440.9	415.7	394.5	368.9	335.8	298.1	262.1	227.2	194.3
2.5°	512.1	470.7	441.0	416.7	394.5	370.2	337.1	300.0	263.7	228.0	195.0
0°	512.9	469.9	440.1	417.0	393.8	370.6	337.5	301.1	264.7	228.3	195.2
-2.5°	512.1	470.7	441.0	416.7	394.5	370.2	337.1	300.0	263.7	228.0	195.0
-5°	509.7	470.5	440.9	415.7	394.5	368.9	335.8	298.1	262.1	227.2	194.3
-7.5°	507.7	469.9	440.2	414.5	393.7	366.9	333.5	295.5	259.9	225.9	193.2
-10°	504.7	468.6	439.0	413.9	392.2	364.6	330.4	292.1	257.1	224.1	191.6
-12.5°	500.5	465.9	436.9	412.6	390.2	362.2	327.3	289.1	254.0	221.8	189.5
-15°	495.1	462.0	433.9	410.5	387.6	358.7	323.2	285.8	251.5	219.2	187.1
-17.5°	488.7	456.6	430.1	407.5	384.5	354.4	318.3	281.9	248.3	216.4	184.4
-20°	482.6	451.4	425.6	403.7	381.0	349.0	312.5	277.2	244.6	213.1	181.6

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CATALOG NUMBER: GFLD-SA3D-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	475.3	446.3	421.4	399.1	375.9	342.7	305.9	271.8	240.3	209.3	178.3
-25°	467.0	439.9	416.2	394.0	368.2	334.5	298.9	265.8	235.5	205.1	174.6
-27.5°	458.5	432.6	410.0	388.1	360.0	325.5	291.5	259.7	230.1	200.4	170.5
-30°	449.2	425.0	402.8	380.7	351.7	316.7	283.3	253.1	224.2	195.2	166.0
-32.5°	436.9	416.3	394.6	371.1	341.8	307.2	275.0	246.0	217.9	189.5	160.9
-35°	424.4	405.7	385.4	361.8	330.5	297.6	266.5	238.3	211.0	183.5	155.3
-37.5°	411.3	394.0	375.3	350.7	318.4	287.0	257.7	230.4	203.6	177.0	149.3
-40°	398.7	381.9	363.8	336.6	305.7	275.5	248.2	222.0	195.8	170.1	142.7
-42.5°	385.9	369.1	348.3	321.6	292.1	264.2	238.1	213.0	187.7	162.3	135.8
-45°	371.7	354.3	331.7	305.5	277.8	252.1	227.7	203.6	179.1	153.9	128.6
-47.5°	356.5	337.4	314.5	289.0	263.8	239.6	216.8	193.3	169.9	144.9	121.5
-50°	339.7	319.8	296.6	272.2	248.6	227.2	205.3	182.4	159.5	135.7	114.0
-52.5°	320.2	300.6	277.5	254.4	233.6	214.3	192.6	171.0	148.7	126.7	106.2
-55°	298.8	279.1	256.8	236.6	218.1	199.6	179.3	158.6	137.5	117.5	98.2
-57.5°	274.5	255.2	236.2	218.4	201.0	183.7	165.3	145.8	126.5	107.9	90.0
-60°	249.4	231.9	215.2	199.0	182.9	167.3	150.9	132.8	115.2	98.1	81.5
-62.5°	223.3	208.1	193.3	178.7	164.7	150.7	136.1	119.6	103.5	88.2	72.8
-65°	197.3	184.2	170.8	158.8	146.4	133.8	120.8	106.0	92.0	78.0	64.1
-67.5°	171.8	160.8	149.8	139.0	128.0	116.6	105.0	92.9	80.4	67.7	56.0
-70°	147.0	137.6	128.5	119.0	109.2	99.4	90.2	79.8	68.5	58.2	47.7
-72.5°	123.0	115.4	107.2	98.8	91.2	83.4	75.4	66.8	57.7	48.5	39.2
-75°	100.3	93.7	86.9	80.2	73.9	67.4	61.5	54.7	46.8	38.8	31.9
-77.5°	78.2	72.8	67.1	62.5	58.2	53.4	48.3	42.5	36.2	30.4	25.0
-80°	58.1	54.6	51.0	47.3	43.6	39.5	35.4	31.2	26.6	22.2	17.9
-82.5°	40.3	37.7	35.0	32.2	29.3	26.4	23.3	20.2	16.9	13.8	11.9
-85°	22.5	20.7	18.9	17.1	15.2	13.2	12.2	11.1	10.1	9.0	7.9
-87.5°	8.9	8.5	8.0	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
-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):**

	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°	3.4	2.9	2.3	1.7	1.2	0.6	0.0
85°	6.8	5.7	4.6	3.4	2.3	1.2	0.0
82.5°	10.2	8.5	6.9	5.2	3.4	1.7	0.0
80°	13.9	11.4	9.1	6.9	4.6	2.3	0.0
77.5°	19.8	14.9	11.4	8.5	5.7	2.9	0.0
75°	25.6	19.8	13.9	10.2	6.8	3.4	0.0
72.5°	31.4	24.6	17.8	11.9	7.9	4.0	0.0
70°	37.3	29.4	21.6	13.7	9.0	4.5	0.0
67.5°	44.6	34.1	25.4	16.6	10.1	5.1	0.0
65°	51.7	39.4	29.1	19.3	11.1	5.6	0.0
62.5°	58.6	45.2	32.7	22.1	12.2	6.1	0.0
60°	65.4	50.9	36.2	24.7	13.2	6.6	0.0
57.5°	72.6	56.4	40.6	27.3	14.9	7.1	0.0
55°	79.6	61.8	44.9	29.8	16.6	7.6	0.0
52.5°	86.3	67.1	49.1	32.3	18.2	8.0	0.0
50°	92.8	72.4	53.2	34.7	19.8	8.5	0.0
47.5°	99.0	77.5	57.1	37.1	21.3	8.9	0.0
45°	105.1	82.4	60.9	39.9	22.8	9.3	0.0
42.5°	111.0	87.0	64.5	42.6	24.2	9.7	0.0
40°	116.6	91.4	67.9	45.2	25.5	10.1	0.0
37.5°	121.9	95.5	71.3	47.5	26.8	10.5	0.0
35°	126.9	99.6	74.3	49.8	28.0	10.8	0.0
32.5°	131.6	103.4	77.2	51.8	29.1	11.1	0.0
30°	136.1	107.1	79.9	53.7	30.2	11.4	0.0
27.5°	140.2	110.4	82.3	55.4	31.1	11.7	0.0
25°	143.9	113.5	84.5	56.9	32.0	12.0	0.0
22.5°	147.2	116.3	86.6	58.3	32.9	12.2	0.0
20°	150.0	118.7	88.5	59.5	33.6	12.4	0.0
17.5°	152.7	120.7	90.2	60.5	34.2	12.6	0.0
15°	155.1	122.4	91.7	61.3	34.8	12.7	0.0
12.5°	157.1	123.8	93.0	62.0	35.3	12.9	0.0
10°	158.9	124.8	94.0	62.5	35.7	13.0	0.0
7.5°	160.3	125.5	94.9	62.8	36.0	13.1	0.0
5°	161.3	125.9	95.5	63.0	36.2	13.1	0.0
2.5°	161.9	125.9	95.9	63.0	36.4	13.2	0.0
0°	162.1	125.7	96.0	62.9	36.4	13.2	0.0
-2.5°	161.9	125.9	95.9	63.0	36.4	13.2	0.0
-5°	161.3	125.9	95.5	63.0	36.2	13.1	0.0
-7.5°	160.3	125.5	94.9	62.8	36.0	13.1	0.0
-10°	158.9	124.8	94.0	62.5	35.7	13.0	0.0
-12.5°	157.1	123.8	93.0	62.0	35.3	12.9	0.0
-15°	155.1	122.4	91.7	61.3	34.8	12.7	0.0
-17.5°	152.7	120.7	90.2	60.5	34.2	12.6	0.0
-20°	150.0	118.7	88.5	59.5	33.6	12.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	147.2	116.3	86.6	58.3	32.9	12.2	0.0
-25°	143.9	113.5	84.5	56.9	32.0	12.0	0.0
-27.5°	140.2	110.4	82.3	55.4	31.1	11.7	0.0
-30°	136.1	107.1	79.9	53.7	30.2	11.4	0.0
-32.5°	131.6	103.4	77.2	51.8	29.1	11.1	0.0
-35°	126.9	99.6	74.3	49.8	28.0	10.8	0.0
-37.5°	121.9	95.5	71.3	47.5	26.8	10.5	0.0
-40°	116.6	91.4	67.9	45.2	25.5	10.1	0.0
-42.5°	111.0	87.0	64.5	42.6	24.2	9.7	0.0
-45°	105.1	82.4	60.9	39.9	22.8	9.3	0.0
-47.5°	99.0	77.5	57.1	37.1	21.3	8.9	0.0
-50°	92.8	72.4	53.2	34.7	19.8	8.5	0.0
-52.5°	86.3	67.1	49.1	32.3	18.2	8.0	0.0
-55°	79.6	61.8	44.9	29.8	16.6	7.6	0.0
-57.5°	72.6	56.4	40.6	27.3	14.9	7.1	0.0
-60°	65.4	50.9	36.2	24.7	13.2	6.6	0.0
-62.5°	58.6	45.2	32.7	22.1	12.2	6.1	0.0
-65°	51.7	39.4	29.1	19.3	11.1	5.6	0.0
-67.5°	44.6	34.1	25.4	16.6	10.1	5.1	0.0
-70°	37.3	29.4	21.6	13.7	9.0	4.5	0.0
-72.5°	31.4	24.6	17.8	11.9	7.9	4.0	0.0
-75°	25.6	19.8	13.9	10.2	6.8	3.4	0.0
-77.5°	19.8	14.9	11.4	8.5	5.7	2.9	0.0
-80°	13.9	11.4	9.1	6.9	4.6	2.3	0.0
-82.5°	10.2	8.5	6.9	5.2	3.4	1.7	0.0
-85°	6.8	5.7	4.6	3.4	2.3	1.2	0.0
-87.5°	3.4	2.9	2.3	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)