

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: P627115 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627115 (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-SA3B-750-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N78
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14318.5 lumens
Efficiency: N/A
Efficacy: 152.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 45828.8 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V
Beam Lumens: 6961.4 lumens
Beam Efficiency: 48.6%

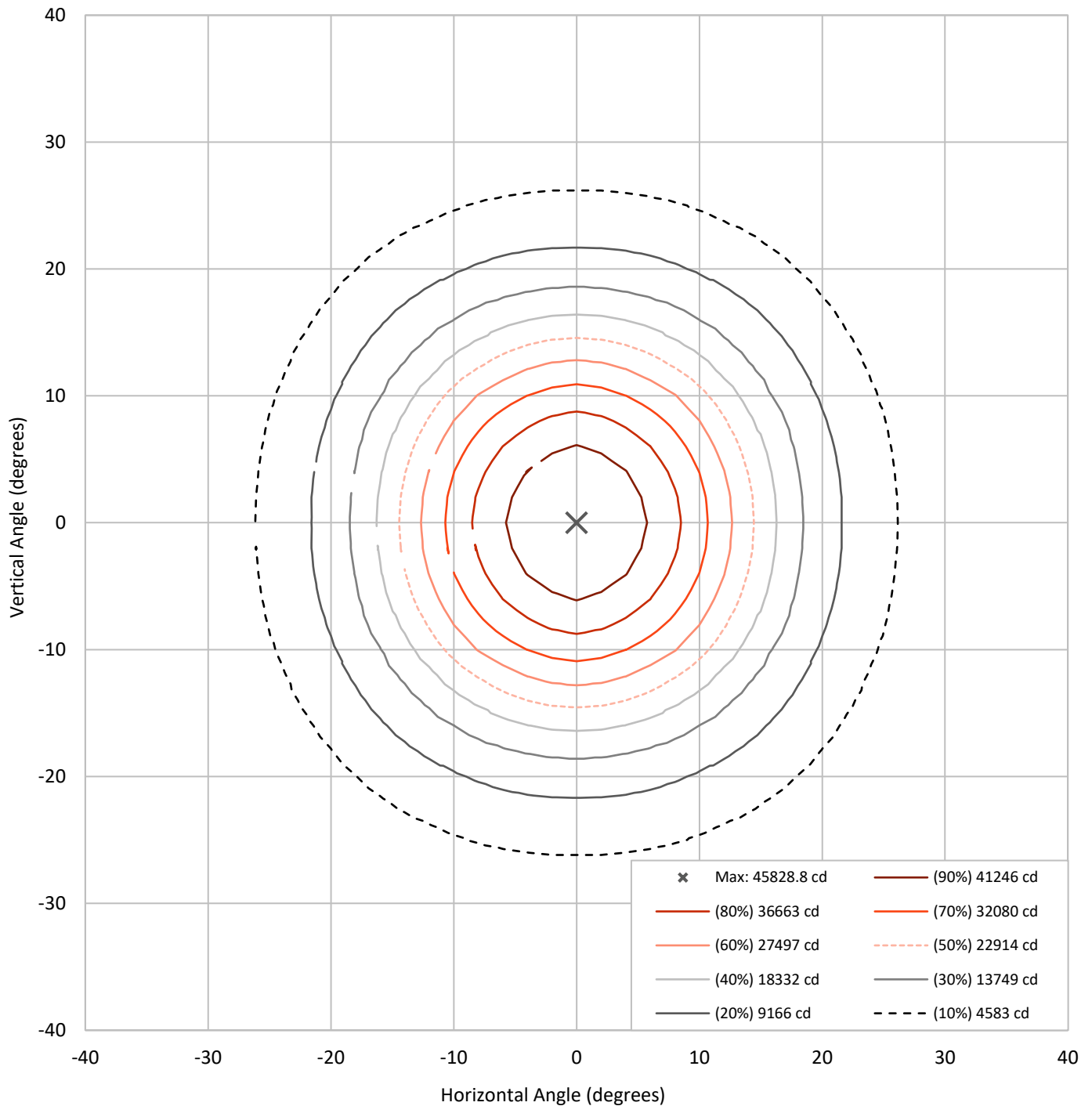
Field Angle (10%): 52.3°H x 52.3°V
Field Lumens: 11748.1 lumens
Field Efficiency: 82.0%

Input Watts (W): 93.7
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





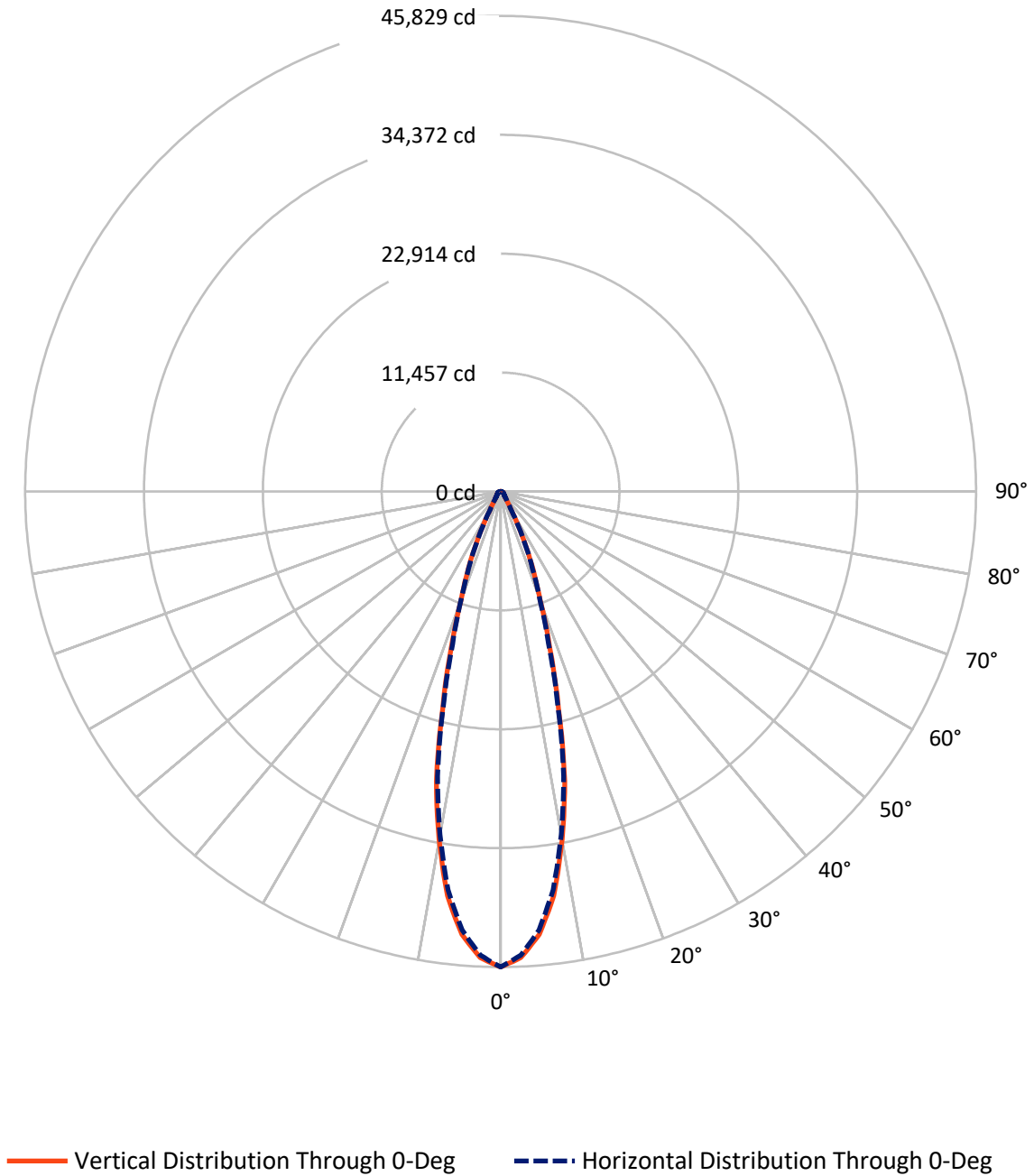
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Lumen Table

90	0.3	2.4		6.2		9.8		10.9		9.8		6.2		2.4		0.3			
80	0.3	2.4		6.2		9.8		10.9		9.8		6.2		2.4		0.3			
70	1.1	1.2	2.5	4.0	5.7	6.9	7.7	8.1	8.1	7.7	6.9	5.7	4.0	2.5	1.2	1.1			
60		1.8	3.7	6.0	8.0	9.8	11.0	11.5	11.5	11.0	9.8	8.0	6.0	3.7	1.8				
50	1.9	2.4	4.7	7.4	9.8	12.4	14.6	15.7	15.7	14.6	12.4	9.8	7.4	4.7	2.4	1.9			
40		2.8	5.6	8.5	12.0	17.1	24.8	32.2	32.2	24.8	17.1	12.0	8.5	5.6	2.8				
30	2.4	3.1	6.1	9.6	15.4	33.5	94.3	167.1	167.1	94.3	33.5	15.4	9.6	6.1	3.1	2.4			
20		3.3	6.4	10.4	21.0	87.9	313.2	600.2	600.2	313.2	87.9	21.0	10.4	6.4	3.3				
10	2.6	3.5	6.5	11.0	26.6	151.7	579.7	1140.3	1140.3	579.7	151.7	26.6	11.0	6.5	3.5	2.6			
0		3.5	6.5	11.0	26.6	151.7	579.7	1140.3	1140.3	579.7	151.7	26.6	11.0	6.5	3.5				
-10	2.4	3.3	6.4	10.4	21.0	87.9	313.2	600.2	600.2	313.2	87.9	21.0	10.4	6.4	3.3	2.4			
-20		3.1	6.1	9.6	15.4	33.5	94.3	167.1	167.1	94.3	33.5	15.4	9.6	6.1	3.1				
-30	1.9	2.8	5.6	8.5	12.0	17.1	24.8	32.2	32.2	24.8	17.1	12.0	8.5	5.6	2.8	1.9			
-40		2.4	4.7	7.4	9.8	12.4	14.6	15.7	15.7	14.6	12.4	9.8	7.4	4.7	2.4				
-50	1.1	1.8	3.7	6.0	8.0	9.8	11.0	11.5	11.5	11.0	9.8	8.0	6.0	3.7	1.8	1.1			
-60		1.2	2.5	4.0	5.7	6.9	7.7	8.1	8.1	7.7	6.9	5.7	4.0	2.5	1.2				
-70	0.3	2.4		6.2		9.8		10.9		9.8		6.2		2.4		0.3			
-80		2.4		6.2		9.8		10.9		9.8		6.2		2.4					
-90	0.3	2.4		6.2		9.8		10.9		9.8		6.2		2.4		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

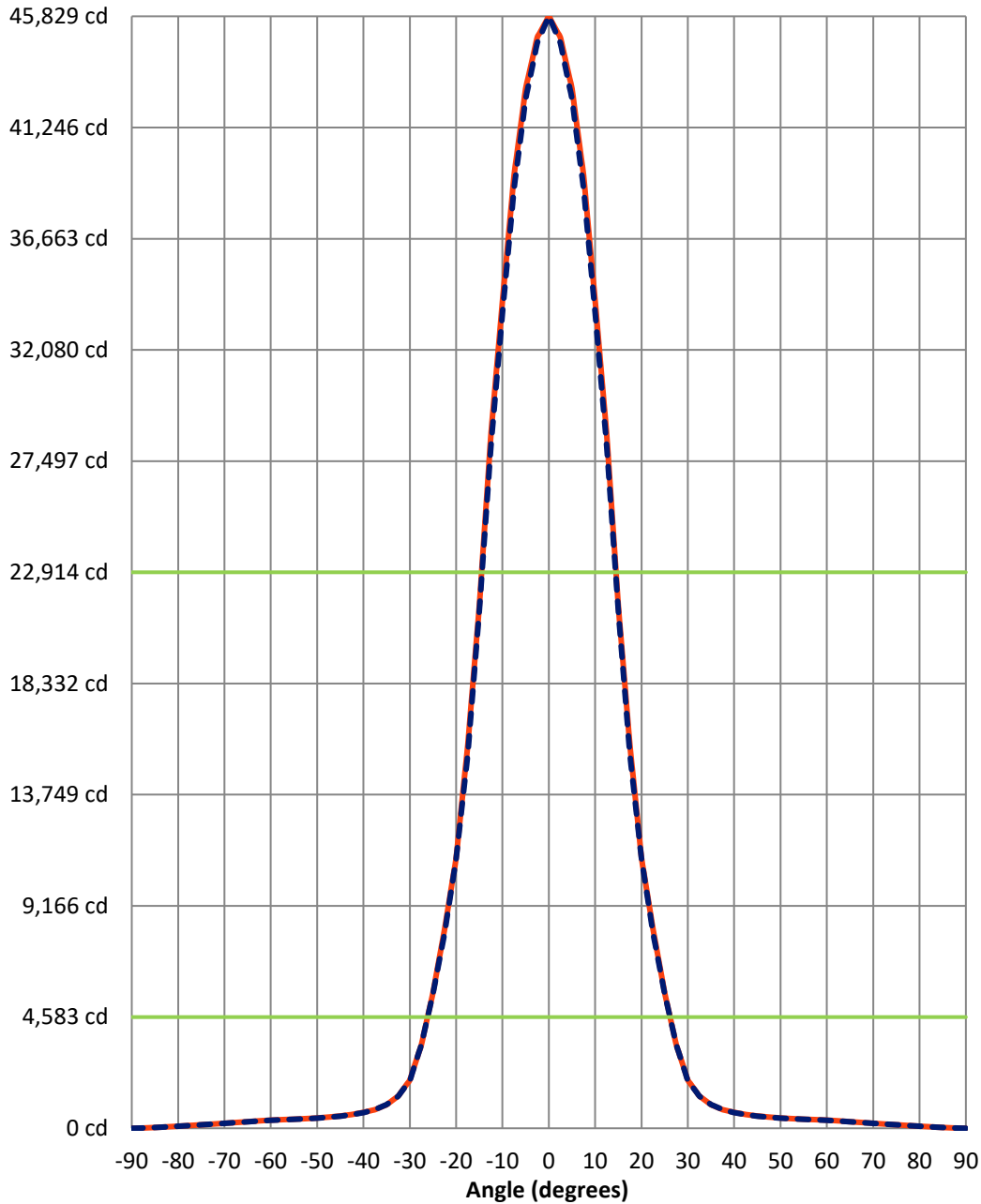
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.8°
V Angle: 29°
Lumens: 6961.4
Efficiency: 48.6%

Field:
H Angle: 52.3°
V Angle: 52.3°
Lumens: 11748.1
Efficiency: 82.0%

Spill:
Lumens: 2570.4
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	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
85°	0.0	1.0	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.0	10.0
82.5°	0.0	1.5	3.1	4.6	6.1	7.6	9.1	10.6	12.3	15.1	18.0
80°	0.0	2.0	4.1	6.1	8.2	10.2	12.4	16.0	19.8	23.7	27.8
77.5°	0.0	2.6	5.1	7.6	10.2	13.3	17.7	22.3	27.1	32.2	37.8
75°	0.0	3.1	6.1	9.1	12.4	17.7	22.8	28.4	34.5	41.6	48.6
72.5°	0.0	3.5	7.1	10.6	15.9	21.9	28.0	34.9	43.2	51.3	59.4
70°	0.0	4.0	8.1	12.3	19.3	26.2	33.2	42.4	51.7	60.9	70.9
67.5°	0.0	4.5	9.0	14.8	22.6	30.3	39.6	49.7	60.1	71.4	82.6
65°	0.0	5.0	10.0	17.3	25.9	35.0	45.9	57.0	69.3	81.8	94.3
62.5°	0.0	5.4	10.9	19.7	29.1	40.2	52.1	64.7	78.4	92.0	106.3
60°	0.0	5.9	11.8	22.0	32.2	45.2	58.1	72.4	87.2	102.4	118.0
57.5°	0.0	6.3	13.3	24.3	36.1	50.1	64.5	80.0	96.0	112.4	129.6
55°	0.0	6.8	14.8	26.6	40.0	54.9	70.7	87.3	104.5	122.2	140.9
52.5°	0.0	7.2	16.3	28.8	43.7	59.6	76.7	94.5	112.6	132.1	151.9
50°	0.0	7.6	17.7	30.9	47.3	64.3	82.5	101.3	120.6	141.7	162.1
47.5°	0.0	8.0	19.0	33.0	50.7	68.9	88.0	108.0	128.8	151.0	171.8
45°	0.0	8.3	20.3	35.5	54.1	73.2	93.4	114.3	136.8	159.1	180.9
42.5°	0.0	8.7	21.6	37.9	57.3	77.3	98.6	120.7	144.3	166.8	189.3
40°	0.0	9.0	22.7	40.2	60.4	81.2	103.6	126.9	151.1	174.0	197.3
37.5°	0.0	9.4	23.9	42.3	63.3	84.9	108.3	132.7	157.3	181.0	204.8
35°	0.0	9.7	24.9	44.2	66.0	88.5	112.8	138.0	163.1	187.5	211.9
32.5°	0.0	10.0	25.9	46.0	68.6	91.9	117.0	143.0	168.5	193.7	218.7
30°	0.0	10.2	26.9	47.7	71.0	95.1	120.9	147.6	173.5	199.3	225.1
27.5°	0.0	10.5	27.7	49.2	73.1	98.1	124.6	151.6	178.1	204.6	230.9
25°	0.0	10.7	28.5	50.6	75.1	100.8	127.9	155.2	182.3	209.4	236.3
22.5°	0.0	10.9	29.3	51.8	77.0	103.3	130.8	158.5	186.1	213.7	241.7
20°	0.0	11.1	29.9	52.8	78.6	105.4	133.3	161.5	189.5	217.5	246.4
17.5°	0.0	11.3	30.5	53.8	80.1	107.3	135.7	164.0	192.4	220.8	250.6
15°	0.0	11.4	31.0	54.5	81.5	108.8	137.8	166.3	194.9	223.6	254.1
12.5°	0.0	11.5	31.4	55.1	82.6	110.0	139.7	168.6	197.2	225.9	257.1
10°	0.0	11.6	31.8	55.5	83.6	110.9	141.2	170.4	199.3	228.6	259.8
7.5°	0.0	11.7	32.0	55.8	84.3	111.6	142.5	171.8	200.9	231.0	262.7
5°	0.0	11.8	32.2	56.0	84.9	111.9	143.4	172.8	202.1	233.0	265.0
2.5°	0.0	11.8	32.4	56.0	85.2	112.0	143.9	173.4	202.8	234.4	266.7
0°	0.0	11.8	32.4	55.9	85.3	111.8	144.1	173.6	203.0	235.3	267.7
-2.5°	0.0	11.8	32.4	56.0	85.2	112.0	143.9	173.4	202.8	234.4	266.7
-5°	0.0	11.8	32.2	56.0	84.9	111.9	143.4	172.8	202.1	233.0	265.0
-7.5°	0.0	11.7	32.0	55.8	84.3	111.6	142.5	171.8	200.9	231.0	262.7
-10°	0.0	11.6	31.8	55.5	83.6	110.9	141.2	170.4	199.3	228.6	259.8
-12.5°	0.0	11.5	31.4	55.1	82.6	110.0	139.7	168.6	197.2	225.9	257.1
-15°	0.0	11.4	31.0	54.5	81.5	108.8	137.8	166.3	194.9	223.6	254.1
-17.5°	0.0	11.3	30.5	53.8	80.1	107.3	135.7	164.0	192.4	220.8	250.6
-20°	0.0	11.1	29.9	52.8	78.6	105.4	133.3	161.5	189.5	217.5	246.4

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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	10.9	29.3	51.8	77.0	103.3	130.8	158.5	186.1	213.7	241.7
-25°	0.0	10.7	28.5	50.6	75.1	100.8	127.9	155.2	182.3	209.4	236.3
-27.5°	0.0	10.5	27.7	49.2	73.1	98.1	124.6	151.6	178.1	204.6	230.9
-30°	0.0	10.2	26.9	47.7	71.0	95.1	120.9	147.6	173.5	199.3	225.1
-32.5°	0.0	10.0	25.9	46.0	68.6	91.9	117.0	143.0	168.5	193.7	218.7
-35°	0.0	9.7	24.9	44.2	66.0	88.5	112.8	138.0	163.1	187.5	211.9
-37.5°	0.0	9.4	23.9	42.3	63.3	84.9	108.3	132.7	157.3	181.0	204.8
-40°	0.0	9.0	22.7	40.2	60.4	81.2	103.6	126.9	151.1	174.0	197.3
-42.5°	0.0	8.7	21.6	37.9	57.3	77.3	98.6	120.7	144.3	166.8	189.3
-45°	0.0	8.3	20.3	35.5	54.1	73.2	93.4	114.3	136.8	159.1	180.9
-47.5°	0.0	8.0	19.0	33.0	50.7	68.9	88.0	108.0	128.8	151.0	171.8
-50°	0.0	7.6	17.7	30.9	47.3	64.3	82.5	101.3	120.6	141.7	162.1
-52.5°	0.0	7.2	16.3	28.8	43.7	59.6	76.7	94.5	112.6	132.1	151.9
-55°	0.0	6.8	14.8	26.6	40.0	54.9	70.7	87.3	104.5	122.2	140.9
-57.5°	0.0	6.3	13.3	24.3	36.1	50.1	64.5	80.0	96.0	112.4	129.6
-60°	0.0	5.9	11.8	22.0	32.2	45.2	58.1	72.4	87.2	102.4	118.0
-62.5°	0.0	5.4	10.9	19.7	29.1	40.2	52.1	64.7	78.4	92.0	106.3
-65°	0.0	5.0	10.0	17.3	25.9	35.0	45.9	57.0	69.3	81.8	94.3
-67.5°	0.0	4.5	9.0	14.8	22.6	30.3	39.6	49.7	60.1	71.4	82.6
-70°	0.0	4.0	8.1	12.3	19.3	26.2	33.2	42.4	51.7	60.9	70.9
-72.5°	0.0	3.5	7.1	10.6	15.9	21.9	28.0	34.9	43.2	51.3	59.4
-75°	0.0	3.1	6.1	9.1	12.4	17.7	22.8	28.4	34.5	41.6	48.6
-77.5°	0.0	2.6	5.1	7.6	10.2	13.3	17.7	22.3	27.1	32.2	37.8
-80°	0.0	2.0	4.1	6.1	8.2	10.2	12.4	16.0	19.8	23.7	27.8
-82.5°	0.0	1.5	3.1	4.6	6.1	7.6	9.1	10.6	12.3	15.1	18.0
-85°	0.0	1.0	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.0	10.0
-87.5°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
-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):

	-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°	5.4	5.9	6.3	6.8	7.2	7.6	8.0	8.3	8.7	9.0	9.4
85°	10.9	11.8	13.5	15.2	16.9	18.5	20.0	21.5	22.9	24.3	25.6
82.5°	20.8	23.5	26.1	28.7	31.1	33.5	35.9	38.1	40.2	42.2	44.2
80°	31.5	35.1	38.7	42.1	45.3	48.5	51.6	54.6	57.4	60.5	63.7
77.5°	42.9	47.5	51.7	55.5	59.6	64.7	69.5	74.2	78.7	82.9	87.0
75°	54.7	59.9	65.6	71.3	77.3	83.3	89.2	94.8	100.2	105.9	111.4
72.5°	67.0	74.2	81.1	87.9	95.3	102.6	109.3	115.4	122.4	130.0	136.9
70°	80.1	88.4	97.1	105.8	114.2	122.3	130.7	139.0	147.5	155.7	163.5
67.5°	93.3	103.7	113.7	123.6	133.1	142.9	152.8	162.9	172.6	181.9	191.0
65°	107.4	118.9	130.2	141.2	151.9	163.8	175.4	186.7	199.0	210.5	220.4
62.5°	121.0	133.9	146.4	158.8	171.8	185.0	198.5	212.7	227.4	237.9	247.0
60°	134.1	148.7	162.6	176.9	191.3	206.2	221.8	236.9	250.3	261.8	271.4
57.5°	146.9	163.3	178.7	194.2	210.0	226.9	244.0	259.4	271.9	283.0	293.5
55°	159.3	177.5	193.9	210.3	228.3	248.1	265.6	279.6	292.3	301.5	311.6
52.5°	171.2	190.6	207.7	226.1	246.7	267.2	284.7	298.2	309.0	318.5	328.3
50°	182.5	202.0	221.0	242.0	263.7	284.3	302.0	314.4	325.2	335.1	344.5
47.5°	192.7	213.0	234.4	256.9	279.6	300.0	316.9	329.6	340.8	350.9	361.3
45°	202.4	224.1	246.9	271.5	294.8	315.0	330.4	344.0	354.8	366.2	379.3
42.5°	211.6	234.8	259.6	285.8	309.6	328.0	343.0	356.1	368.5	382.3	396.8
40°	220.7	244.9	271.7	299.2	323.4	339.5	354.4	368.3	382.5	398.2	414.0
37.5°	229.1	255.1	283.0	311.7	333.6	350.3	365.7	381.1	397.2	414.0	433.7
35°	236.9	264.5	293.8	321.5	342.6	360.7	377.3	394.0	412.0	432.5	454.2
32.5°	244.5	273.1	303.8	329.9	350.8	370.1	388.4	407.3	427.9	450.5	475.3
30°	251.9	281.5	312.6	338.4	358.1	377.8	399.3	420.4	443.2	468.4	497.5
27.5°	259.1	289.3	320.0	345.0	364.5	384.6	407.6	433.2	458.2	485.8	519.5
25°	265.7	297.3	327.2	350.3	370.0	391.1	415.1	442.3	471.7	504.5	545.9
22.5°	272.0	304.6	334.1	354.8	374.6	396.7	422.5	451.4	483.3	521.3	571.8
20°	277.9	310.2	338.7	358.9	378.4	401.2	429.0	459.4	495.9	541.9	602.2
17.5°	283.0	315.0	341.8	362.3	382.4	405.9	434.5	466.1	507.1	560.0	631.5
15°	287.4	318.9	344.6	364.9	385.7	410.7	440.1	474.6	519.5	577.7	656.7
12.5°	291.0	322.0	346.9	366.8	388.4	414.2	445.0	482.8	531.8	597.1	690.8
10°	293.8	324.2	348.7	368.0	390.2	416.6	448.7	489.1	541.8	613.4	720.0
7.5°	296.6	326.2	349.9	368.5	391.3	417.8	451.4	493.6	549.1	625.5	743.2
5°	298.6	328.0	350.7	369.6	392.0	418.3	453.2	496.3	553.7	633.6	759.6
2.5°	299.7	329.1	350.7	370.4	392.0	418.5	455.3	497.7	558.8	640.3	768.9
0°	300.1	329.5	350.1	370.7	391.2	417.7	456.0	497.1	561.9	644.2	770.7
-2.5°	299.7	329.1	350.7	370.4	392.0	418.5	455.3	497.7	558.8	640.3	768.9
-5°	298.6	328.0	350.7	369.6	392.0	418.3	453.2	496.3	553.7	633.6	759.6
-7.5°	296.6	326.2	349.9	368.5	391.3	417.8	451.4	493.6	549.1	625.5	743.2
-10°	293.8	324.2	348.7	368.0	390.2	416.6	448.7	489.1	541.8	613.4	720.0
-12.5°	291.0	322.0	346.9	366.8	388.4	414.2	445.0	482.8	531.8	597.1	690.8
-15°	287.4	318.9	344.6	364.9	385.7	410.7	440.1	474.6	519.5	577.7	656.7
-17.5°	283.0	315.0	341.8	362.3	382.4	405.9	434.5	466.1	507.1	560.0	631.5
-20°	277.9	310.2	338.7	358.9	378.4	401.2	429.0	459.4	495.9	541.9	602.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627115 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	272.0	304.6	334.1	354.8	374.6	396.7	422.5	451.4	483.3	521.3	571.8
-25°	265.7	297.3	327.2	350.3	370.0	391.1	415.1	442.3	471.7	504.5	545.9
-27.5°	259.1	289.3	320.0	345.0	364.5	384.6	407.6	433.2	458.2	485.8	519.5
-30°	251.9	281.5	312.6	338.4	358.1	377.8	399.3	420.4	443.2	468.4	497.5
-32.5°	244.5	273.1	303.8	329.9	350.8	370.1	388.4	407.3	427.9	450.5	475.3
-35°	236.9	264.5	293.8	321.5	342.6	360.7	377.3	394.0	412.0	432.5	454.2
-37.5°	229.1	255.1	283.0	311.7	333.6	350.3	365.7	381.1	397.2	414.0	433.7
-40°	220.7	244.9	271.7	299.2	323.4	339.5	354.4	368.3	382.5	398.2	414.0
-42.5°	211.6	234.8	259.6	285.8	309.6	328.0	343.0	356.1	368.5	382.3	396.8
-45°	202.4	224.1	246.9	271.5	294.8	315.0	330.4	344.0	354.8	366.2	379.3
-47.5°	192.7	213.0	234.4	256.9	279.6	300.0	316.9	329.6	340.8	350.9	361.3
-50°	182.5	202.0	221.0	242.0	263.7	284.3	302.0	314.4	325.2	335.1	344.5
-52.5°	171.2	190.6	207.7	226.1	246.7	267.2	284.7	298.2	309.0	318.5	328.3
-55°	159.3	177.5	193.9	210.3	228.3	248.1	265.6	279.6	292.3	301.5	311.6
-57.5°	146.9	163.3	178.7	194.2	210.0	226.9	244.0	259.4	271.9	283.0	293.5
-60°	134.1	148.7	162.6	176.9	191.3	206.2	221.8	236.9	250.3	261.8	271.4
-62.5°	121.0	133.9	146.4	158.8	171.8	185.0	198.5	212.7	227.4	237.9	247.0
-65°	107.4	118.9	130.2	141.2	151.9	163.8	175.4	186.7	199.0	210.5	220.4
-67.5°	93.3	103.7	113.7	123.6	133.1	142.9	152.8	162.9	172.6	181.9	191.0
-70°	80.1	88.4	97.1	105.8	114.2	122.3	130.7	139.0	147.5	155.7	163.5
-72.5°	67.0	74.2	81.1	87.9	95.3	102.6	109.3	115.4	122.4	130.0	136.9
-75°	54.7	59.9	65.6	71.3	77.3	83.3	89.2	94.8	100.2	105.9	111.4
-77.5°	42.9	47.5	51.7	55.5	59.6	64.7	69.5	74.2	78.7	82.9	87.0
-80°	31.5	35.1	38.7	42.1	45.3	48.5	51.6	54.6	57.4	60.5	63.7
-82.5°	20.8	23.5	26.1	28.7	31.1	33.5	35.9	38.1	40.2	42.2	44.2
-85°	10.9	11.8	13.5	15.2	16.9	18.5	20.0	21.5	22.9	24.3	25.6
-87.5°	5.4	5.9	6.3	6.8	7.2	7.6	8.0	8.3	8.7	9.0	9.4
-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: P627115 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-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°	9.7	10.0	10.2	10.5	10.7	10.9	11.1	11.3	11.4	11.5	11.6
85°	26.8	27.9	29.0	30.0	30.9	31.1	31.2	31.2	31.0	31.4	31.8
82.5°	46.0	48.1	50.2	52.2	54.3	55.0	55.5	55.9	56.1	56.9	57.6
80°	66.8	70.1	73.1	75.8	78.2	80.0	81.5	82.9	84.2	84.8	85.1
77.5°	91.0	95.0	98.7	102.1	105.3	107.8	109.8	111.4	112.7	113.5	114.0
75°	117.0	122.0	126.5	130.6	134.4	137.1	138.9	140.3	141.2	142.2	143.0
72.5°	143.3	149.0	154.3	159.3	163.6	166.7	168.8	170.6	171.9	172.9	173.4
70°	170.9	177.7	183.6	188.5	192.5	195.4	197.7	199.6	201.1	202.1	202.6
67.5°	199.5	206.8	212.3	216.6	220.1	223.3	226.2	228.3	229.7	231.1	232.6
65°	228.7	236.1	241.7	246.3	250.0	254.1	257.8	260.5	262.4	264.0	265.7
62.5°	256.1	264.5	270.9	277.0	283.1	288.9	292.3	294.9	296.7	298.4	300.3
60°	281.0	290.5	298.4	305.7	313.2	320.7	323.8	326.3	328.6	330.7	332.7
57.5°	303.1	313.2	322.8	330.1	337.2	344.3	349.1	351.8	353.6	354.5	355.4
55°	322.3	332.4	342.1	350.4	358.2	365.4	370.8	373.4	375.4	376.6	377.3
52.5°	339.6	350.4	360.7	369.9	378.3	386.1	392.9	396.5	399.4	401.4	402.1
50°	356.5	368.2	379.3	389.2	399.0	408.4	417.0	421.9	425.4	427.5	428.2
47.5°	374.2	386.8	398.9	410.4	421.5	432.6	442.8	449.5	454.6	458.2	460.9
45°	392.6	406.2	419.5	433.1	445.9	460.1	473.0	482.9	490.2	496.5	501.6
42.5°	411.1	426.4	441.7	459.2	476.7	492.9	508.2	521.3	533.3	545.0	554.1
40°	431.3	448.0	469.0	489.7	511.2	530.1	552.4	572.5	590.8	610.7	627.1
37.5°	453.2	474.8	499.6	524.5	552.4	579.5	610.7	641.5	668.3	703.1	730.9
35°	477.2	504.6	533.8	567.2	603.2	645.7	689.4	740.8	784.3	839.5	890.5
32.5°	503.9	536.1	574.1	619.9	668.5	736.8	800.9	887.8	962.1	1058.0	1162.7
30°	531.1	572.7	624.3	683.5	765.8	862.7	975.7	1122.7	1281.6	1446.1	1667.5
27.5°	563.3	617.3	681.8	773.2	896.3	1030.4	1260.6	1509.1	1855.3	2129.4	2617.5
25°	598.0	664.8	760.1	892.6	1062.7	1334.1	1722.6	2172.5	2865.3	3481.5	4189.6
22.5°	639.1	729.8	855.9	1029.5	1325.9	1792.9	2399.3	3323.2	4350.2	5363.8	6290.2
20°	682.6	792.2	968.6	1251.2	1709.3	2384.6	3466.6	4786.7	6150.1	7539.2	8709.9
17.5°	733.4	882.2	1114.6	1490.0	2143.6	3299.7	4744.9	6423.5	8204.7	9977.2	11516.9
15°	777.1	960.8	1273.8	1836.2	2810.7	4256.9	6033.1	8153.1	10393.0	12693.4	15186.6
12.5°	832.8	1055.7	1437.9	2122.4	3402.7	5282.4	7455.6	9917.0	12652.2	15706.6	19593.5
10°	883.9	1155.1	1653.7	2580.9	4114.3	6240.3	8684.4	11477.0	15024.8	19614.8	24303.3
7.5°	924.8	1234.0	1821.1	2938.7	4711.0	7058.6	9790.9	13139.0	17565.2	23030.8	28387.8
5°	953.2	1288.7	1940.9	3209.1	5191.0	7684.0	10576.1	14364.1	19706.4	25827.0	31296.8
2.5°	971.1	1318.6	1999.5	3369.6	5504.1	8060.4	11066.0	15142.8	21018.9	27607.0	33145.0
0°	979.6	1323.8	1962.1	3447.7	5548.0	8033.8	11110.8	15402.7	21330.3	28090.3	33606.0
-2.5°	971.1	1318.6	1999.5	3369.6	5504.1	8060.4	11066.0	15142.8	21018.9	27607.0	33145.0
-5°	953.2	1288.7	1940.9	3209.1	5191.0	7684.0	10576.1	14364.1	19706.4	25827.0	31296.8
-7.5°	924.8	1234.0	1821.1	2938.7	4711.0	7058.6	9790.9	13139.0	17565.2	23030.8	28387.8
-10°	883.9	1155.1	1653.7	2580.9	4114.3	6240.3	8684.4	11477.0	15024.8	19614.8	24303.3
-12.5°	832.8	1055.7	1437.9	2122.4	3402.7	5282.4	7455.6	9917.0	12652.2	15706.6	19593.5
-15°	777.1	960.8	1273.8	1836.2	2810.7	4256.9	6033.1	8153.1	10393.0	12693.4	15186.6
-17.5°	733.4	882.2	1114.6	1490.0	2143.6	3299.7	4744.9	6423.5	8204.7	9977.2	11516.9
-20°	682.6	792.2	968.6	1251.2	1709.3	2384.6	3466.6	4786.7	6150.1	7539.2	8709.9

Classified

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



REPORT NUMBER: P627115 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	639.1	729.8	855.9	1029.5	1325.9	1792.9	2399.3	3323.2	4350.2	5363.8	6290.2
-25°	598.0	664.8	760.1	892.6	1062.7	1334.1	1722.6	2172.5	2865.3	3481.5	4189.6
-27.5°	563.3	617.3	681.8	773.2	896.3	1030.4	1260.6	1509.1	1855.3	2129.4	2617.5
-30°	531.1	572.7	624.3	683.5	765.8	862.7	975.7	1122.7	1281.6	1446.1	1667.5
-32.5°	503.9	536.1	574.1	619.9	668.5	736.8	800.9	887.8	962.1	1058.0	1162.7
-35°	477.2	504.6	533.8	567.2	603.2	645.7	689.4	740.8	784.3	839.5	890.5
-37.5°	453.2	474.8	499.6	524.5	552.4	579.5	610.7	641.5	668.3	703.1	730.9
-40°	431.3	448.0	469.0	489.7	511.2	530.1	552.4	572.5	590.8	610.7	627.1
-42.5°	411.1	426.4	441.7	459.2	476.7	492.9	508.2	521.3	533.3	545.0	554.1
-45°	392.6	406.2	419.5	433.1	445.9	460.1	473.0	482.9	490.2	496.5	501.6
-47.5°	374.2	386.8	398.9	410.4	421.5	432.6	442.8	449.5	454.6	458.2	460.9
-50°	356.5	368.2	379.3	389.2	399.0	408.4	417.0	421.9	425.4	427.5	428.2
-52.5°	339.6	350.4	360.7	369.9	378.3	386.1	392.9	396.5	399.4	401.4	402.1
-55°	322.3	332.4	342.1	350.4	358.2	365.4	370.8	373.4	375.4	376.6	377.3
-57.5°	303.1	313.2	322.8	330.1	337.2	344.3	349.1	351.8	353.6	354.5	355.4
-60°	281.0	290.5	298.4	305.7	313.2	320.7	323.8	326.3	328.6	330.7	332.7
-62.5°	256.1	264.5	270.9	277.0	283.1	288.9	292.3	294.9	296.7	298.4	300.3
-65°	228.7	236.1	241.7	246.3	250.0	254.1	257.8	260.5	262.4	264.0	265.7
-67.5°	199.5	206.8	212.3	216.6	220.1	223.3	226.2	228.3	229.7	231.1	232.6
-70°	170.9	177.7	183.6	188.5	192.5	195.4	197.7	199.6	201.1	202.1	202.6
-72.5°	143.3	149.0	154.3	159.3	163.6	166.7	168.8	170.6	171.9	172.9	173.4
-75°	117.0	122.0	126.5	130.6	134.4	137.1	138.9	140.3	141.2	142.2	143.0
-77.5°	91.0	95.0	98.7	102.1	105.3	107.8	109.8	111.4	112.7	113.5	114.0
-80°	66.8	70.1	73.1	75.8	78.2	80.0	81.5	82.9	84.2	84.8	85.1
-82.5°	46.0	48.1	50.2	52.2	54.3	55.0	55.5	55.9	56.1	56.9	57.6
-85°	26.8	27.9	29.0	30.0	30.9	31.1	31.2	31.2	31.0	31.4	31.8
-87.5°	9.7	10.0	10.2	10.5	10.7	10.9	11.1	11.3	11.4	11.5	11.6
-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: P627115 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	11.7	11.8	11.8	11.8	11.8	11.8	11.7	11.6	11.5	11.4	11.3
85°	32.0	32.2	32.4	32.4	32.4	32.2	32.0	31.8	31.4	31.0	31.2
82.5°	58.1	58.5	58.7	58.8	58.7	58.5	58.1	57.6	56.9	56.1	55.9
80°	85.1	84.9	85.2	85.3	85.2	84.9	85.1	85.1	84.8	84.2	82.9
77.5°	114.2	114.2	114.6	114.7	114.6	114.2	114.2	114.0	113.5	112.7	111.4
75°	143.4	143.5	143.9	144.1	143.9	143.5	143.4	143.0	142.2	141.2	140.3
72.5°	173.4	172.9	173.4	173.6	173.4	172.9	173.4	173.4	172.9	171.9	170.6
70°	202.7	202.3	204.1	205.9	204.1	202.3	202.7	202.6	202.1	201.1	199.6
67.5°	233.7	234.3	236.4	238.3	236.4	234.3	233.7	232.6	231.1	229.7	228.3
65°	266.6	266.7	268.7	270.6	268.7	266.7	266.6	265.7	264.0	262.4	260.5
62.5°	301.4	301.8	303.9	305.9	303.9	301.8	301.4	300.3	298.4	296.7	294.9
60°	333.9	334.2	335.0	335.4	335.0	334.2	333.9	332.7	330.7	328.6	326.3
57.5°	355.6	355.3	355.6	355.9	355.6	355.3	355.6	355.4	354.5	353.6	351.8
55°	377.2	376.2	375.1	373.6	375.1	376.2	377.2	377.3	376.6	375.4	373.4
52.5°	401.5	400.0	398.6	397.1	398.6	400.0	401.5	402.1	401.4	399.4	396.5
50°	427.8	426.4	425.0	423.6	425.0	426.4	427.8	428.2	427.5	425.4	421.9
47.5°	462.7	463.3	463.1	461.8	463.1	463.3	462.7	460.9	458.2	454.6	449.5
45°	505.2	506.9	507.1	506.0	507.1	506.9	505.2	501.6	496.5	490.2	482.9
42.5°	560.5	564.2	566.3	567.7	566.3	564.2	560.5	554.1	545.0	533.3	521.3
40°	639.1	646.7	651.5	656.0	651.5	646.7	639.1	627.1	610.7	590.8	572.5
37.5°	751.6	765.4	771.6	767.8	771.6	765.4	751.6	730.9	703.1	668.3	641.5
35°	929.8	956.0	969.6	970.8	969.6	956.0	929.8	890.5	839.5	784.3	740.8
32.5°	1240.1	1293.8	1322.6	1326.7	1322.6	1293.8	1240.1	1162.7	1058.0	962.1	887.8
30°	1836.9	1946.4	1997.9	1985.6	1997.9	1946.4	1836.9	1667.5	1446.1	1281.6	1122.7
27.5°	2997.0	3270.0	3431.9	3444.7	3431.9	3270.0	2997.0	2617.5	2129.4	1855.3	1509.1
25°	4816.9	5283.0	5581.5	5586.3	5581.5	5283.0	4816.9	4189.6	3481.5	2865.3	2172.5
22.5°	7146.9	7783.2	8131.8	8192.6	8131.8	7783.2	7146.9	6290.2	5363.8	4350.2	3323.2
20°	9846.3	10692.8	11145.6	11146.1	11145.6	10692.8	9846.3	8709.9	7539.2	6150.1	4786.7
17.5°	13170.8	14545.2	15407.9	15779.3	15407.9	14545.2	13170.8	11516.9	9977.2	8204.7	6423.5
15°	17587.4	19896.9	21280.9	21530.3	21280.9	19896.9	17587.4	15186.6	12693.4	10393.0	8153.1
12.5°	22965.0	25887.9	27852.6	28572.7	27852.6	25887.9	22965.0	19593.5	15706.6	12652.2	9917.0
10°	28579.8	31288.0	33392.9	34100.2	33392.9	31288.0	28579.8	24303.3	19614.8	15024.8	11477.0
7.5°	32636.0	35865.5	38236.4	39277.6	38236.4	35865.5	32636.0	28387.8	23030.8	17565.2	13139.0
5°	35838.1	39659.2	41866.3	42845.9	41866.3	39659.2	35838.1	31296.8	25827.0	19706.4	14364.1
2.5°	37939.0	41714.6	44051.8	44955.1	44051.8	41714.6	37939.0	33145.0	27607.0	21018.9	15142.8
0°	38724.6	42416.4	44725.6	45828.8	44725.6	42416.4	38724.6	33606.0	28090.3	21330.3	15402.7
-2.5°	37939.0	41714.6	44051.8	44955.1	44051.8	41714.6	37939.0	33145.0	27607.0	21018.9	15142.8
-5°	35838.1	39659.2	41866.3	42845.9	41866.3	39659.2	35838.1	31296.8	25827.0	19706.4	14364.1
-7.5°	32636.0	35865.5	38236.4	39277.6	38236.4	35865.5	32636.0	28387.8	23030.8	17565.2	13139.0
-10°	28579.8	31288.0	33392.9	34100.2	33392.9	31288.0	28579.8	24303.3	19614.8	15024.8	11477.0
-12.5°	22965.0	25887.9	27852.6	28572.7	27852.6	25887.9	22965.0	19593.5	15706.6	12652.2	9917.0
-15°	17587.4	19896.9	21280.9	21530.3	21280.9	19896.9	17587.4	15186.6	12693.4	10393.0	8153.1
-17.5°	13170.8	14545.2	15407.9	15779.3	15407.9	14545.2	13170.8	11516.9	9977.2	8204.7	6423.5
-20°	9846.3	10692.8	11145.6	11146.1	11145.6	10692.8	9846.3	8709.9	7539.2	6150.1	4786.7



REPORT NUMBER: P627115 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	7146.9	7783.2	8131.8	8192.6	8131.8	7783.2	7146.9	6290.2	5363.8	4350.2	3323.2
-25°	4816.9	5283.0	5581.5	5586.3	5581.5	5283.0	4816.9	4189.6	3481.5	2865.3	2172.5
-27.5°	2997.0	3270.0	3431.9	3444.7	3431.9	3270.0	2997.0	2617.5	2129.4	1855.3	1509.1
-30°	1836.9	1946.4	1997.9	1985.6	1997.9	1946.4	1836.9	1667.5	1446.1	1281.6	1122.7
-32.5°	1240.1	1293.8	1322.6	1326.7	1322.6	1293.8	1240.1	1162.7	1058.0	962.1	887.8
-35°	929.8	956.0	969.6	970.8	969.6	956.0	929.8	890.5	839.5	784.3	740.8
-37.5°	751.6	765.4	771.6	767.8	771.6	765.4	751.6	730.9	703.1	668.3	641.5
-40°	639.1	646.7	651.5	656.0	651.5	646.7	639.1	627.1	610.7	590.8	572.5
-42.5°	560.5	564.2	566.3	567.7	566.3	564.2	560.5	554.1	545.0	533.3	521.3
-45°	505.2	506.9	507.1	506.0	507.1	506.9	505.2	501.6	496.5	490.2	482.9
-47.5°	462.7	463.3	463.1	461.8	463.1	463.3	462.7	460.9	458.2	454.6	449.5
-50°	427.8	426.4	425.0	423.6	425.0	426.4	427.8	428.2	427.5	425.4	421.9
-52.5°	401.5	400.0	398.6	397.1	398.6	400.0	401.5	402.1	401.4	399.4	396.5
-55°	377.2	376.2	375.1	373.6	375.1	376.2	377.2	377.3	376.6	375.4	373.4
-57.5°	355.6	355.3	355.6	355.9	355.6	355.3	355.6	355.4	354.5	353.6	351.8
-60°	333.9	334.2	335.0	335.4	335.0	334.2	333.9	332.7	330.7	328.6	326.3
-62.5°	301.4	301.8	303.9	305.9	303.9	301.8	301.4	300.3	298.4	296.7	294.9
-65°	266.6	266.7	268.7	270.6	268.7	266.7	266.6	265.7	264.0	262.4	260.5
-67.5°	233.7	234.3	236.4	238.3	236.4	234.3	233.7	232.6	231.1	229.7	228.3
-70°	202.7	202.3	204.1	205.9	204.1	202.3	202.7	202.6	202.1	201.1	199.6
-72.5°	173.4	172.9	173.4	173.6	173.4	172.9	173.4	173.4	172.9	171.9	170.6
-75°	143.4	143.5	143.9	144.1	143.9	143.5	143.4	143.0	142.2	141.2	140.3
-77.5°	114.2	114.2	114.6	114.7	114.6	114.2	114.2	114.0	113.5	112.7	111.4
-80°	85.1	84.9	85.2	85.3	85.2	84.9	85.1	85.1	84.8	84.2	82.9
-82.5°	58.1	58.5	58.7	58.8	58.7	58.5	58.1	57.6	56.9	56.1	55.9
-85°	32.0	32.2	32.4	32.4	32.4	32.2	32.0	31.8	31.4	31.0	31.2
-87.5°	11.7	11.8	11.8	11.8	11.8	11.8	11.7	11.6	11.5	11.4	11.3
-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: P627115 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	11.1	10.9	10.7	10.5	10.2	10.0	9.7	9.4	9.0	8.7	8.3
85°	31.2	31.1	30.9	30.0	29.0	27.9	26.8	25.6	24.3	22.9	21.5
82.5°	55.5	55.0	54.3	52.2	50.2	48.1	46.0	44.2	42.2	40.2	38.1
80°	81.5	80.0	78.2	75.8	73.1	70.1	66.8	63.7	60.5	57.4	54.6
77.5°	109.8	107.8	105.3	102.1	98.7	95.0	91.0	87.0	82.9	78.7	74.2
75°	138.9	137.1	134.4	130.6	126.5	122.0	117.0	111.4	105.9	100.2	94.8
72.5°	168.8	166.7	163.6	159.3	154.3	149.0	143.3	136.9	130.0	122.4	115.4
70°	197.7	195.4	192.5	188.5	183.6	177.7	170.9	163.5	155.7	147.5	139.0
67.5°	226.2	223.3	220.1	216.6	212.3	206.8	199.5	191.0	181.9	172.6	162.9
65°	257.8	254.1	250.0	246.3	241.7	236.1	228.7	220.4	210.5	199.0	186.7
62.5°	292.3	288.9	283.1	277.0	270.9	264.5	256.1	247.0	237.9	227.4	212.7
60°	323.8	320.7	313.2	305.7	298.4	290.5	281.0	271.4	261.8	250.3	236.9
57.5°	349.1	344.3	337.2	330.1	322.8	313.2	303.1	293.5	283.0	271.9	259.4
55°	370.8	365.4	358.2	350.4	342.1	332.4	322.3	311.6	301.5	292.3	279.6
52.5°	392.9	386.1	378.3	369.9	360.7	350.4	339.6	328.3	318.5	309.0	298.2
50°	417.0	408.4	399.0	389.2	379.3	368.2	356.5	344.5	335.1	325.2	314.4
47.5°	442.8	432.6	421.5	410.4	398.9	386.8	374.2	361.3	350.9	340.8	329.6
45°	473.0	460.1	445.9	433.1	419.5	406.2	392.6	379.3	366.2	354.8	344.0
42.5°	508.2	492.9	476.7	459.2	441.7	426.4	411.1	396.8	382.3	368.5	356.1
40°	552.4	530.1	511.2	489.7	469.0	448.0	431.3	414.0	398.2	382.5	368.3
37.5°	610.7	579.5	552.4	524.5	499.6	474.8	453.2	433.7	414.0	397.2	381.1
35°	689.4	645.7	603.2	567.2	533.8	504.6	477.2	454.2	432.5	412.0	394.0
32.5°	800.9	736.8	668.5	619.9	574.1	536.1	503.9	475.3	450.5	427.9	407.3
30°	975.7	862.7	765.8	683.5	624.3	572.7	531.1	497.5	468.4	443.2	420.4
27.5°	1260.6	1030.4	896.3	773.2	681.8	617.3	563.3	519.5	485.8	458.2	433.2
25°	1722.6	1334.1	1062.7	892.6	760.1	664.8	598.0	545.9	504.5	471.7	442.3
22.5°	2399.3	1792.9	1325.9	1029.5	855.9	729.8	639.1	571.8	521.3	483.3	451.4
20°	3466.6	2384.6	1709.3	1251.2	968.6	792.2	682.6	602.2	541.9	495.9	459.4
17.5°	4744.9	3299.7	2143.6	1490.0	1114.6	882.2	733.4	631.5	560.0	507.1	466.1
15°	6033.1	4256.9	2810.7	1836.2	1273.8	960.8	777.1	656.7	577.7	519.5	474.6
12.5°	7455.6	5282.4	3402.7	2122.4	1437.9	1055.7	832.8	690.8	597.1	531.8	482.8
10°	8684.4	6240.3	4114.3	2580.9	1653.7	1155.1	883.9	720.0	613.4	541.8	489.1
7.5°	9790.9	7058.6	4711.0	2938.7	1821.1	1234.0	924.8	743.2	625.5	549.1	493.6
5°	10576.1	7684.0	5191.0	3209.1	1940.9	1288.7	953.2	759.6	633.6	553.7	496.3
2.5°	11066.0	8060.4	5504.1	3369.6	1999.5	1318.6	971.1	768.9	640.3	558.8	497.7
0°	11110.8	8033.8	5548.0	3447.7	1962.1	1323.8	979.6	770.7	644.2	561.9	497.1
-2.5°	11066.0	8060.4	5504.1	3369.6	1999.5	1318.6	971.1	768.9	640.3	558.8	497.7
-5°	10576.1	7684.0	5191.0	3209.1	1940.9	1288.7	953.2	759.6	633.6	553.7	496.3
-7.5°	9790.9	7058.6	4711.0	2938.7	1821.1	1234.0	924.8	743.2	625.5	549.1	493.6
-10°	8684.4	6240.3	4114.3	2580.9	1653.7	1155.1	883.9	720.0	613.4	541.8	489.1
-12.5°	7455.6	5282.4	3402.7	2122.4	1437.9	1055.7	832.8	690.8	597.1	531.8	482.8
-15°	6033.1	4256.9	2810.7	1836.2	1273.8	960.8	777.1	656.7	577.7	519.5	474.6
-17.5°	4744.9	3299.7	2143.6	1490.0	1114.6	882.2	733.4	631.5	560.0	507.1	466.1
-20°	3466.6	2384.6	1709.3	1251.2	968.6	792.2	682.6	602.2	541.9	495.9	459.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627115 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2399.3	1792.9	1325.9	1029.5	855.9	729.8	639.1	571.8	521.3	483.3	451.4
-25°	1722.6	1334.1	1062.7	892.6	760.1	664.8	598.0	545.9	504.5	471.7	442.3
-27.5°	1260.6	1030.4	896.3	773.2	681.8	617.3	563.3	519.5	485.8	458.2	433.2
-30°	975.7	862.7	765.8	683.5	624.3	572.7	531.1	497.5	468.4	443.2	420.4
-32.5°	800.9	736.8	668.5	619.9	574.1	536.1	503.9	475.3	450.5	427.9	407.3
-35°	689.4	645.7	603.2	567.2	533.8	504.6	477.2	454.2	432.5	412.0	394.0
-37.5°	610.7	579.5	552.4	524.5	499.6	474.8	453.2	433.7	414.0	397.2	381.1
-40°	552.4	530.1	511.2	489.7	469.0	448.0	431.3	414.0	398.2	382.5	368.3
-42.5°	508.2	492.9	476.7	459.2	441.7	426.4	411.1	396.8	382.3	368.5	356.1
-45°	473.0	460.1	445.9	433.1	419.5	406.2	392.6	379.3	366.2	354.8	344.0
-47.5°	442.8	432.6	421.5	410.4	398.9	386.8	374.2	361.3	350.9	340.8	329.6
-50°	417.0	408.4	399.0	389.2	379.3	368.2	356.5	344.5	335.1	325.2	314.4
-52.5°	392.9	386.1	378.3	369.9	360.7	350.4	339.6	328.3	318.5	309.0	298.2
-55°	370.8	365.4	358.2	350.4	342.1	332.4	322.3	311.6	301.5	292.3	279.6
-57.5°	349.1	344.3	337.2	330.1	322.8	313.2	303.1	293.5	283.0	271.9	259.4
-60°	323.8	320.7	313.2	305.7	298.4	290.5	281.0	271.4	261.8	250.3	236.9
-62.5°	292.3	288.9	283.1	277.0	270.9	264.5	256.1	247.0	237.9	227.4	212.7
-65°	257.8	254.1	250.0	246.3	241.7	236.1	228.7	220.4	210.5	199.0	186.7
-67.5°	226.2	223.3	220.1	216.6	212.3	206.8	199.5	191.0	181.9	172.6	162.9
-70°	197.7	195.4	192.5	188.5	183.6	177.7	170.9	163.5	155.7	147.5	139.0
-72.5°	168.8	166.7	163.6	159.3	154.3	149.0	143.3	136.9	130.0	122.4	115.4
-75°	138.9	137.1	134.4	130.6	126.5	122.0	117.0	111.4	105.9	100.2	94.8
-77.5°	109.8	107.8	105.3	102.1	98.7	95.0	91.0	87.0	82.9	78.7	74.2
-80°	81.5	80.0	78.2	75.8	73.1	70.1	66.8	63.7	60.5	57.4	54.6
-82.5°	55.5	55.0	54.3	52.2	50.2	48.1	46.0	44.2	42.2	40.2	38.1
-85°	31.2	31.1	30.9	30.0	29.0	27.9	26.8	25.6	24.3	22.9	21.5
-87.5°	11.1	10.9	10.7	10.5	10.2	10.0	9.7	9.4	9.0	8.7	8.3
-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: P627115 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	8.0	7.6	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.0	3.5
85°	20.0	18.5	16.9	15.2	13.5	11.8	10.9	10.0	9.0	8.1	7.1
82.5°	35.9	33.5	31.1	28.7	26.1	23.5	20.8	18.0	15.1	12.3	10.6
80°	51.6	48.5	45.3	42.1	38.7	35.1	31.5	27.8	23.7	19.8	16.0
77.5°	69.5	64.7	59.6	55.5	51.7	47.5	42.9	37.8	32.2	27.1	22.3
75°	89.2	83.3	77.3	71.3	65.6	59.9	54.7	48.6	41.6	34.5	28.4
72.5°	109.3	102.6	95.3	87.9	81.1	74.2	67.0	59.4	51.3	43.2	34.9
70°	130.7	122.3	114.2	105.8	97.1	88.4	80.1	70.9	60.9	51.7	42.4
67.5°	152.8	142.9	133.1	123.6	113.7	103.7	93.3	82.6	71.4	60.1	49.7
65°	175.4	163.8	151.9	141.2	130.2	118.9	107.4	94.3	81.8	69.3	57.0
62.5°	198.5	185.0	171.8	158.8	146.4	133.9	121.0	106.3	92.0	78.4	64.7
60°	221.8	206.2	191.3	176.9	162.6	148.7	134.1	118.0	102.4	87.2	72.4
57.5°	244.0	226.9	210.0	194.2	178.7	163.3	146.9	129.6	112.4	96.0	80.0
55°	265.6	248.1	228.3	210.3	193.9	177.5	159.3	140.9	122.2	104.5	87.3
52.5°	284.7	267.2	246.7	226.1	207.7	190.6	171.2	151.9	132.1	112.6	94.5
50°	302.0	284.3	263.7	242.0	221.0	202.0	182.5	162.1	141.7	120.6	101.3
47.5°	316.9	300.0	279.6	256.9	234.4	213.0	192.7	171.8	151.0	128.8	108.0
45°	330.4	315.0	294.8	271.5	246.9	224.1	202.4	180.9	159.1	136.8	114.3
42.5°	343.0	328.0	309.6	285.8	259.6	234.8	211.6	189.3	166.8	144.3	120.7
40°	354.4	339.5	323.4	299.2	271.7	244.9	220.7	197.3	174.0	151.1	126.9
37.5°	365.7	350.3	333.6	311.7	283.0	255.1	229.1	204.8	181.0	157.3	132.7
35°	377.3	360.7	342.6	321.5	293.8	264.5	236.9	211.9	187.5	163.1	138.0
32.5°	388.4	370.1	350.8	329.9	303.8	273.1	244.5	218.7	193.7	168.5	143.0
30°	399.3	377.8	358.1	338.4	312.6	281.5	251.9	225.1	199.3	173.5	147.6
27.5°	407.6	384.6	364.5	345.0	320.0	289.3	259.1	230.9	204.6	178.1	151.6
25°	415.1	391.1	370.0	350.3	327.2	297.3	265.7	236.3	209.4	182.3	155.2
22.5°	422.5	396.7	374.6	354.8	334.1	304.6	272.0	241.7	213.7	186.1	158.5
20°	429.0	401.2	378.4	358.9	338.7	310.2	277.9	246.4	217.5	189.5	161.5
17.5°	434.5	405.9	382.4	362.3	341.8	315.0	283.0	250.6	220.8	192.4	164.0
15°	440.1	410.7	385.7	364.9	344.6	318.9	287.4	254.1	223.6	194.9	166.3
12.5°	445.0	414.2	388.4	366.8	346.9	322.0	291.0	257.1	225.9	197.2	168.6
10°	448.7	416.6	390.2	368.0	348.7	324.2	293.8	259.8	228.6	199.3	170.4
7.5°	451.4	417.8	391.3	368.5	349.9	326.2	296.6	262.7	231.0	200.9	171.8
5°	453.2	418.3	392.0	369.6	350.7	328.0	298.6	265.0	233.0	202.1	172.8
2.5°	455.3	418.5	392.0	370.4	350.7	329.1	299.7	266.7	234.4	202.8	173.4
0°	456.0	417.7	391.2	370.7	350.1	329.5	300.1	267.7	235.3	203.0	173.6
-2.5°	455.3	418.5	392.0	370.4	350.7	329.1	299.7	266.7	234.4	202.8	173.4
-5°	453.2	418.3	392.0	369.6	350.7	328.0	298.6	265.0	233.0	202.1	172.8
-7.5°	451.4	417.8	391.3	368.5	349.9	326.2	296.6	262.7	231.0	200.9	171.8
-10°	448.7	416.6	390.2	368.0	348.7	324.2	293.8	259.8	228.6	199.3	170.4
-12.5°	445.0	414.2	388.4	366.8	346.9	322.0	291.0	257.1	225.9	197.2	168.6
-15°	440.1	410.7	385.7	364.9	344.6	318.9	287.4	254.1	223.6	194.9	166.3
-17.5°	434.5	405.9	382.4	362.3	341.8	315.0	283.0	250.6	220.8	192.4	164.0
-20°	429.0	401.2	378.4	358.9	338.7	310.2	277.9	246.4	217.5	189.5	161.5

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627115 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	422.5	396.7	374.6	354.8	334.1	304.6	272.0	241.7	213.7	186.1	158.5
-25°	415.1	391.1	370.0	350.3	327.2	297.3	265.7	236.3	209.4	182.3	155.2
-27.5°	407.6	384.6	364.5	345.0	320.0	289.3	259.1	230.9	204.6	178.1	151.6
-30°	399.3	377.8	358.1	338.4	312.6	281.5	251.9	225.1	199.3	173.5	147.6
-32.5°	388.4	370.1	350.8	329.9	303.8	273.1	244.5	218.7	193.7	168.5	143.0
-35°	377.3	360.7	342.6	321.5	293.8	264.5	236.9	211.9	187.5	163.1	138.0
-37.5°	365.7	350.3	333.6	311.7	283.0	255.1	229.1	204.8	181.0	157.3	132.7
-40°	354.4	339.5	323.4	299.2	271.7	244.9	220.7	197.3	174.0	151.1	126.9
-42.5°	343.0	328.0	309.6	285.8	259.6	234.8	211.6	189.3	166.8	144.3	120.7
-45°	330.4	315.0	294.8	271.5	246.9	224.1	202.4	180.9	159.1	136.8	114.3
-47.5°	316.9	300.0	279.6	256.9	234.4	213.0	192.7	171.8	151.0	128.8	108.0
-50°	302.0	284.3	263.7	242.0	221.0	202.0	182.5	162.1	141.7	120.6	101.3
-52.5°	284.7	267.2	246.7	226.1	207.7	190.6	171.2	151.9	132.1	112.6	94.5
-55°	265.6	248.1	228.3	210.3	193.9	177.5	159.3	140.9	122.2	104.5	87.3
-57.5°	244.0	226.9	210.0	194.2	178.7	163.3	146.9	129.6	112.4	96.0	80.0
-60°	221.8	206.2	191.3	176.9	162.6	148.7	134.1	118.0	102.4	87.2	72.4
-62.5°	198.5	185.0	171.8	158.8	146.4	133.9	121.0	106.3	92.0	78.4	64.7
-65°	175.4	163.8	151.9	141.2	130.2	118.9	107.4	94.3	81.8	69.3	57.0
-67.5°	152.8	142.9	133.1	123.6	113.7	103.7	93.3	82.6	71.4	60.1	49.7
-70°	130.7	122.3	114.2	105.8	97.1	88.4	80.1	70.9	60.9	51.7	42.4
-72.5°	109.3	102.6	95.3	87.9	81.1	74.2	67.0	59.4	51.3	43.2	34.9
-75°	89.2	83.3	77.3	71.3	65.6	59.9	54.7	48.6	41.6	34.5	28.4
-77.5°	69.5	64.7	59.6	55.5	51.7	47.5	42.9	37.8	32.2	27.1	22.3
-80°	51.6	48.5	45.3	42.1	38.7	35.1	31.5	27.8	23.7	19.8	16.0
-82.5°	35.9	33.5	31.1	28.7	26.1	23.5	20.8	18.0	15.1	12.3	10.6
-85°	20.0	18.5	16.9	15.2	13.5	11.8	10.9	10.0	9.0	8.1	7.1
-87.5°	8.0	7.6	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.0	3.5
-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-SA3B-750-U-MR-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°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
85°	6.1	5.1	4.1	3.1	2.1	1.0	0.0
82.5°	9.1	7.6	6.1	4.6	3.1	1.5	0.0
80°	12.4	10.2	8.2	6.1	4.1	2.0	0.0
77.5°	17.7	13.3	10.2	7.6	5.1	2.6	0.0
75°	22.8	17.7	12.4	9.1	6.1	3.1	0.0
72.5°	28.0	21.9	15.9	10.6	7.1	3.5	0.0
70°	33.2	26.2	19.3	12.3	8.1	4.0	0.0
67.5°	39.6	30.3	22.6	14.8	9.0	4.5	0.0
65°	45.9	35.0	25.9	17.3	10.0	5.0	0.0
62.5°	52.1	40.2	29.1	19.7	10.9	5.4	0.0
60°	58.1	45.2	32.2	22.0	11.8	5.9	0.0
57.5°	64.5	50.1	36.1	24.3	13.3	6.3	0.0
55°	70.7	54.9	40.0	26.6	14.8	6.8	0.0
52.5°	76.7	59.6	43.7	28.8	16.3	7.2	0.0
50°	82.5	64.3	47.3	30.9	17.7	7.6	0.0
47.5°	88.0	68.9	50.7	33.0	19.0	8.0	0.0
45°	93.4	73.2	54.1	35.5	20.3	8.3	0.0
42.5°	98.6	77.3	57.3	37.9	21.6	8.7	0.0
40°	103.6	81.2	60.4	40.2	22.7	9.0	0.0
37.5°	108.3	84.9	63.3	42.3	23.9	9.4	0.0
35°	112.8	88.5	66.0	44.2	24.9	9.7	0.0
32.5°	117.0	91.9	68.6	46.0	25.9	10.0	0.0
30°	120.9	95.1	71.0	47.7	26.9	10.2	0.0
27.5°	124.6	98.1	73.1	49.2	27.7	10.5	0.0
25°	127.9	100.8	75.1	50.6	28.5	10.7	0.0
22.5°	130.8	103.3	77.0	51.8	29.3	10.9	0.0
20°	133.3	105.4	78.6	52.8	29.9	11.1	0.0
17.5°	135.7	107.3	80.1	53.8	30.5	11.3	0.0
15°	137.8	108.8	81.5	54.5	31.0	11.4	0.0
12.5°	139.7	110.0	82.6	55.1	31.4	11.5	0.0
10°	141.2	110.9	83.6	55.5	31.8	11.6	0.0
7.5°	142.5	111.6	84.3	55.8	32.0	11.7	0.0
5°	143.4	111.9	84.9	56.0	32.2	11.8	0.0
2.5°	143.9	112.0	85.2	56.0	32.4	11.8	0.0
0°	144.1	111.8	85.3	55.9	32.4	11.8	0.0
-2.5°	143.9	112.0	85.2	56.0	32.4	11.8	0.0
-5°	143.4	111.9	84.9	56.0	32.2	11.8	0.0
-7.5°	142.5	111.6	84.3	55.8	32.0	11.7	0.0
-10°	141.2	110.9	83.6	55.5	31.8	11.6	0.0
-12.5°	139.7	110.0	82.6	55.1	31.4	11.5	0.0
-15°	137.8	108.8	81.5	54.5	31.0	11.4	0.0
-17.5°	135.7	107.3	80.1	53.8	30.5	11.3	0.0
-20°	133.3	105.4	78.6	52.8	29.9	11.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	130.8	103.3	77.0	51.8	29.3	10.9	0.0
-25°	127.9	100.8	75.1	50.6	28.5	10.7	0.0
-27.5°	124.6	98.1	73.1	49.2	27.7	10.5	0.0
-30°	120.9	95.1	71.0	47.7	26.9	10.2	0.0
-32.5°	117.0	91.9	68.6	46.0	25.9	10.0	0.0
-35°	112.8	88.5	66.0	44.2	24.9	9.7	0.0
-37.5°	108.3	84.9	63.3	42.3	23.9	9.4	0.0
-40°	103.6	81.2	60.4	40.2	22.7	9.0	0.0
-42.5°	98.6	77.3	57.3	37.9	21.6	8.7	0.0
-45°	93.4	73.2	54.1	35.5	20.3	8.3	0.0
-47.5°	88.0	68.9	50.7	33.0	19.0	8.0	0.0
-50°	82.5	64.3	47.3	30.9	17.7	7.6	0.0
-52.5°	76.7	59.6	43.7	28.8	16.3	7.2	0.0
-55°	70.7	54.9	40.0	26.6	14.8	6.8	0.0
-57.5°	64.5	50.1	36.1	24.3	13.3	6.3	0.0
-60°	58.1	45.2	32.2	22.0	11.8	5.9	0.0
-62.5°	52.1	40.2	29.1	19.7	10.9	5.4	0.0
-65°	45.9	35.0	25.9	17.3	10.0	5.0	0.0
-67.5°	39.6	30.3	22.6	14.8	9.0	4.5	0.0
-70°	33.2	26.2	19.3	12.3	8.1	4.0	0.0
-72.5°	28.0	21.9	15.9	10.6	7.1	3.5	0.0
-75°	22.8	17.7	12.4	9.1	6.1	3.1	0.0
-77.5°	17.7	13.3	10.2	7.6	5.1	2.6	0.0
-80°	12.4	10.2	8.2	6.1	4.1	2.0	0.0
-82.5°	9.1	7.6	6.1	4.6	3.1	1.5	0.0
-85°	6.1	5.1	4.1	3.1	2.1	1.0	0.0
-87.5°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)