

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: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-722-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-722-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N59
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

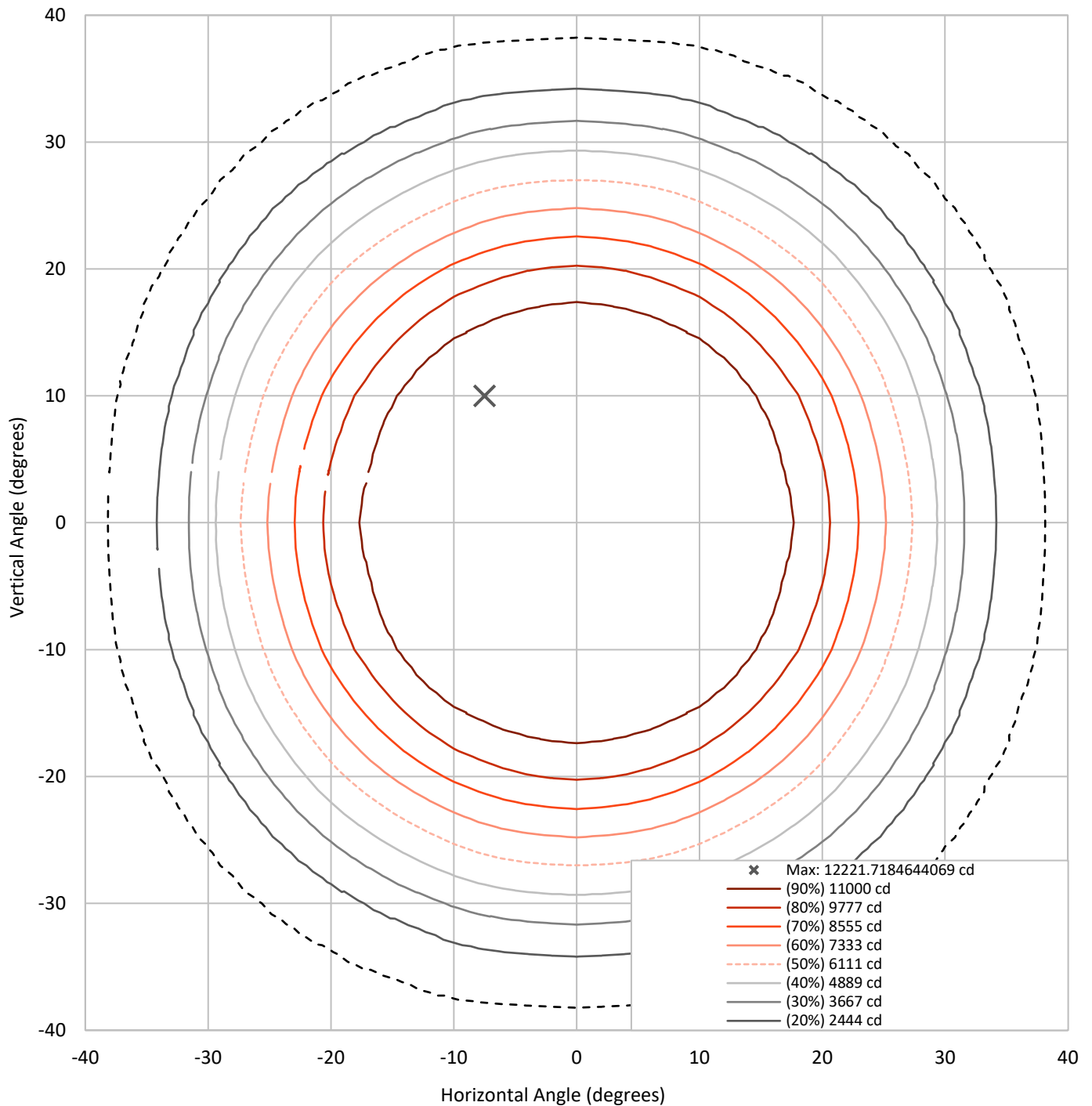
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	10401.8 lumens	Max Intensity:	12221.7 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	111.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	6904.1 lumens	Field Lumens:	8977.3 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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





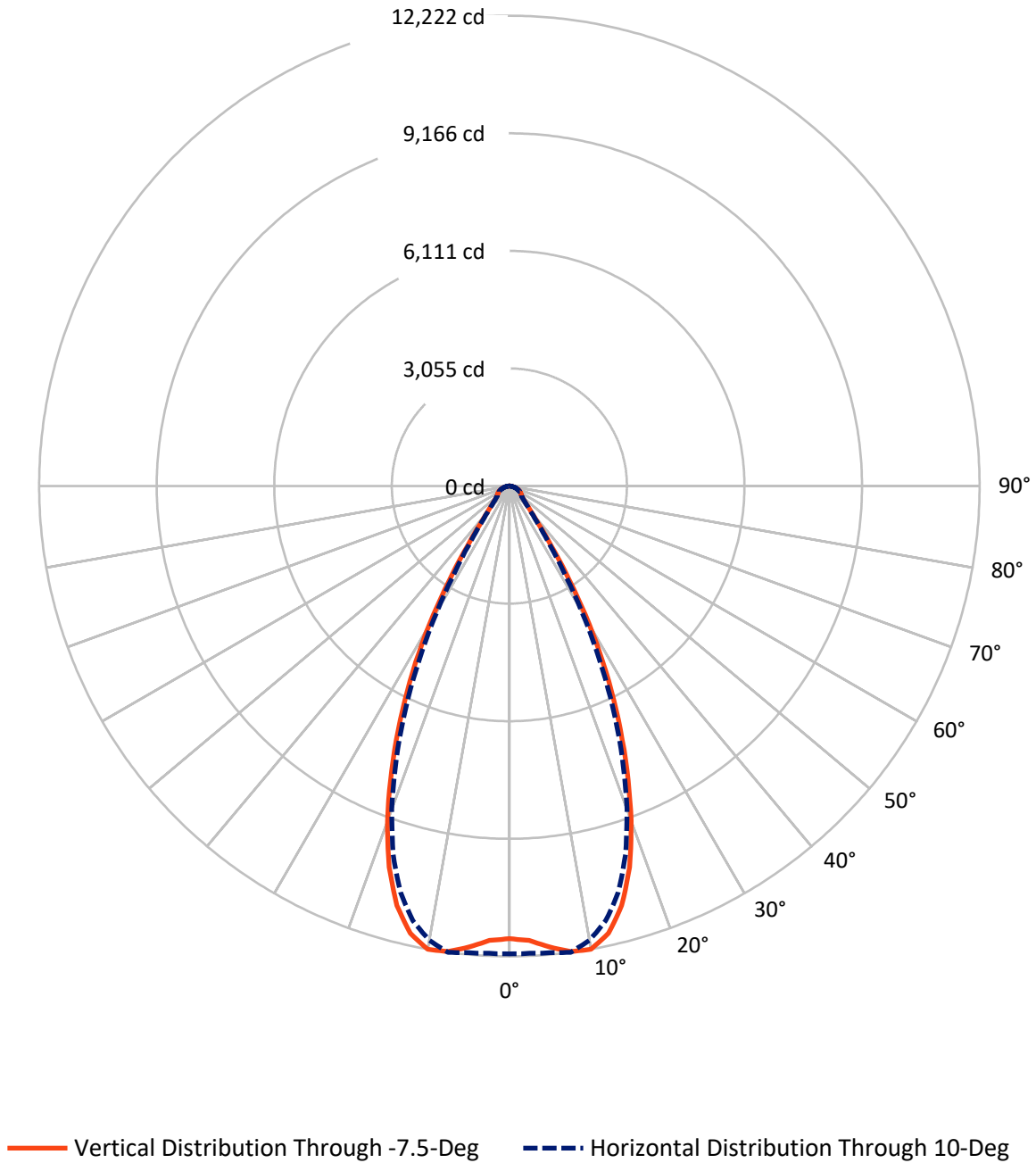
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Lumen Table

90																			
80	0.3	2.4		6.5		10.3		11.5		10.3		6.5		2.4		0.3			
70																			
60	1.1	1.3	2.6	4.2	5.8	7.1	8.0	8.5	8.5	8.0	7.1	5.8	4.2	2.6	1.3	1.1			
50		1.9	3.8	6.0	8.0	9.7	10.9	11.3	11.3	10.9	9.7	8.0	6.0	3.8	1.9				
40	2.0	2.4	4.8	7.3	9.8	12.7	16.0	18.3	18.3	16.0	12.7	9.8	7.3	4.8	2.4	2.0			
30		2.9	5.5	8.4	13.0	23.6	45.2	67.1	67.1	45.2	23.6	13.0	8.4	5.5	2.9				
20	2.5	3.2	6.0	9.8	21.3	66.8	149.8	209.2	209.2	149.8	66.8	21.3	9.8	6.0	3.2	2.5			
10		3.4	6.3	11.6	38.5	142.4	271.8	340.2	340.2	271.8	142.4	38.5	11.6	6.3	3.4				
0	2.7	3.5	6.5	13.1	55.4	194.8	329.8	358.8	358.8	329.8	194.8	55.4	13.1	6.5	3.5	2.7			
-10		3.5	6.5	13.1	55.4	194.8	329.8	358.8	358.8	329.8	194.8	55.4	13.1	6.5	3.5				
-20	2.5	3.4	6.3	11.6	38.5	142.4	271.8	340.2	340.2	271.8	142.4	38.5	11.6	6.3	3.4	2.5			
-30		3.2	6.0	9.8	21.3	66.8	149.8	209.2	209.2	149.8	66.8	21.3	9.8	6.0	3.2				
-40	2.0	2.9	5.5	8.4	13.0	23.6	45.2	67.1	67.1	45.2	23.6	13.0	8.4	5.5	2.9	2.0			
-50		2.4	4.8	7.3	9.8	12.7	16.0	18.3	18.3	16.0	12.7	9.8	7.3	4.8	2.4				
-60	1.1	1.9	3.8	6.0	8.0	9.7	10.9	11.3	11.3	10.9	9.7	8.0	6.0	3.8	1.9	1.1			
-70		1.3	2.6	4.2	5.8	7.1	8.0	8.5	8.5	8.0	7.1	5.8	4.2	2.6	1.3				
-80																			
-90	0.3	2.4		6.5		10.3		11.5		10.3		6.5		2.4		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

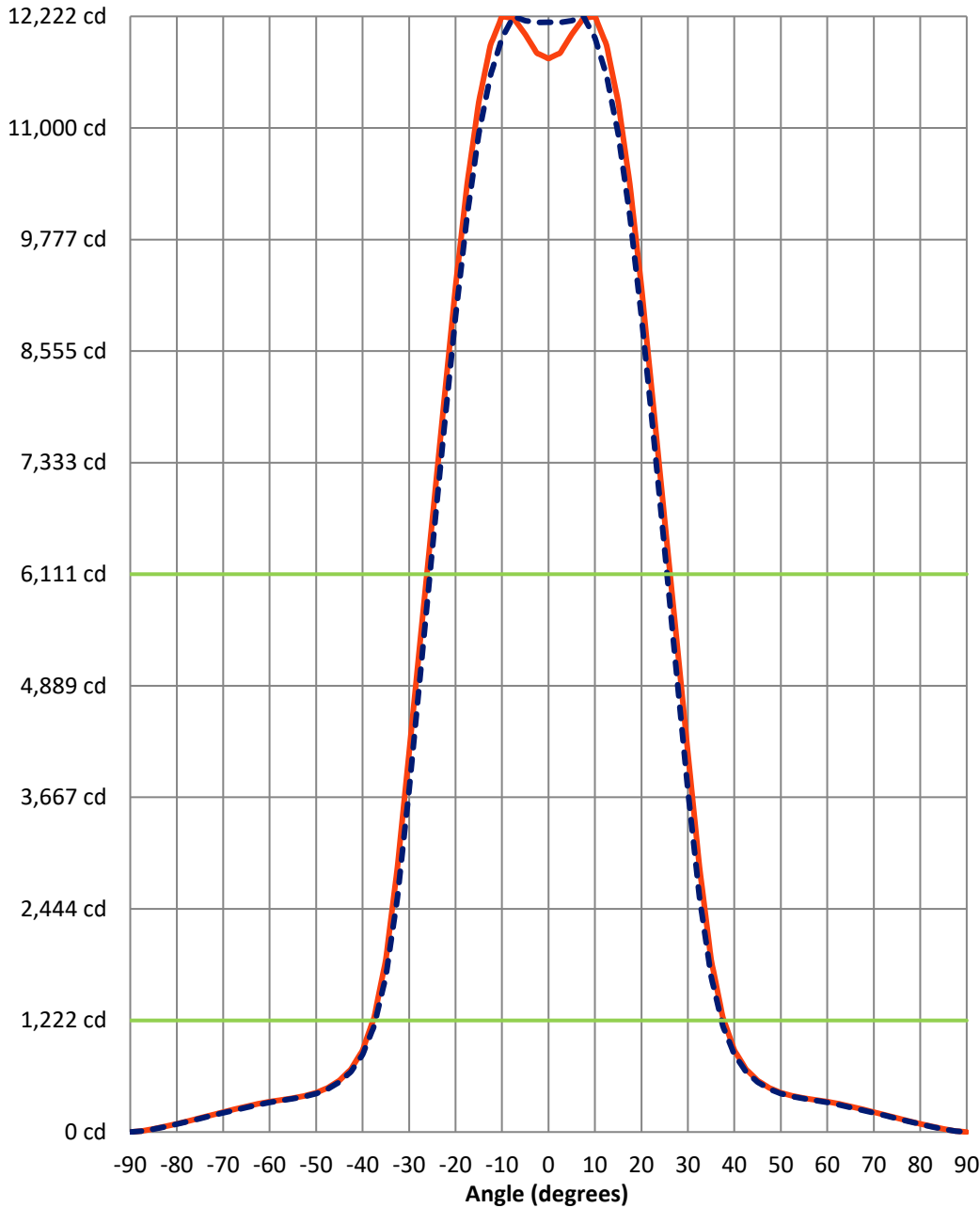
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 6904.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 8977.3
 Efficiency: 86.3%

Spill:
 Lumens: 1424.5
 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	0.5	0.9	1.4	1.9	2.3	2.8	3.4	4.0	4.7	5.4
85°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.7	8.0	9.4	10.8
82.5°	0.0	1.4	2.8	4.2	5.6	6.9	8.3	10.1	12.2	15.4	18.4
80°	0.0	1.9	3.7	5.6	7.4	9.2	11.4	15.7	19.8	23.7	27.4
77.5°	0.0	2.3	4.6	6.9	9.2	12.4	17.4	22.5	27.4	32.0	37.0
75°	0.0	2.8	5.5	8.3	11.4	17.4	23.3	29.2	35.1	41.8	48.4
72.5°	0.0	3.2	6.4	9.6	15.3	22.3	29.2	36.3	44.2	52.1	59.8
70°	0.0	3.7	7.3	11.3	19.2	27.1	35.1	44.2	53.3	62.2	71.6
67.5°	0.0	4.1	8.2	14.1	23.0	31.9	41.7	52.1	62.2	72.7	83.4
65°	0.0	4.5	9.0	16.9	26.8	36.9	48.3	59.8	71.2	83.0	95.4
62.5°	0.0	4.9	9.9	19.7	30.4	42.1	54.7	67.4	80.0	93.3	108.3
60°	0.0	5.3	10.7	22.4	34.0	47.3	60.9	74.8	88.6	104.5	120.9
57.5°	0.0	5.7	12.4	25.0	37.9	52.2	67.1	82.0	97.9	115.4	132.7
55°	0.0	6.1	14.1	27.6	41.8	57.1	73.2	89.0	107.2	125.8	144.1
52.5°	0.0	6.5	15.7	30.0	45.4	61.8	79.2	96.8	116.1	135.7	155.1
50°	0.0	6.9	17.2	32.4	49.0	66.6	85.0	104.4	124.7	145.4	165.8
47.5°	0.0	7.2	18.7	34.8	52.4	71.3	90.7	111.6	132.9	154.6	176.1
45°	0.0	7.6	20.2	37.2	55.7	75.9	96.6	118.6	140.9	163.6	186.1
42.5°	0.0	7.9	21.5	39.6	58.8	80.3	102.3	125.2	148.5	172.1	195.4
40°	0.0	8.2	22.8	41.7	61.9	84.5	107.6	131.4	155.7	180.3	204.5
37.5°	0.0	8.5	24.0	43.7	65.1	88.5	112.7	137.3	162.6	188.1	213.1
35°	0.0	8.8	25.1	45.6	68.1	92.4	117.4	142.8	169.3	195.5	221.2
32.5°	0.0	9.0	26.2	47.4	71.0	96.1	121.8	147.9	175.6	202.4	228.3
30°	0.0	9.3	27.1	49.0	73.6	99.5	125.9	152.7	181.5	208.7	235.0
27.5°	0.0	9.5	28.0	50.5	76.0	102.7	129.6	157.4	186.9	214.4	241.1
25°	0.0	9.7	28.8	51.9	78.2	105.6	133.0	161.8	191.6	219.5	246.7
22.5°	0.0	9.9	29.5	53.1	80.1	108.2	136.0	165.8	195.8	224.1	251.8
20°	0.0	10.1	30.1	54.2	81.9	110.3	138.7	169.4	199.5	228.1	256.3
17.5°	0.0	10.2	30.7	55.1	83.4	112.2	141.2	172.6	202.8	231.6	260.3
15°	0.0	10.3	31.1	55.9	84.7	113.9	143.4	175.5	205.5	234.6	263.7
12.5°	0.0	10.4	31.5	56.6	85.7	115.2	145.2	178.0	208.0	237.1	266.5
10°	0.0	10.5	31.8	57.1	86.6	116.3	146.8	180.1	210.1	239.5	268.9
7.5°	0.0	10.6	32.0	57.5	87.2	117.0	148.1	181.8	211.8	241.4	271.1
5°	0.0	10.7	32.1	57.7	87.6	117.5	149.0	183.0	212.9	242.7	272.6
2.5°	0.0	10.7	32.2	57.8	87.8	117.7	149.5	183.7	213.7	243.5	273.5
0°	0.0	10.7	32.1	57.7	87.7	117.6	149.7	183.9	213.9	243.8	273.8
-2.5°	0.0	10.7	32.2	57.8	87.8	117.7	149.5	183.7	213.7	243.5	273.5
-5°	0.0	10.7	32.1	57.7	87.6	117.5	149.0	183.0	212.9	242.7	272.6
-7.5°	0.0	10.6	32.0	57.5	87.2	117.0	148.1	181.8	211.8	241.4	271.1
-10°	0.0	10.5	31.8	57.1	86.6	116.3	146.8	180.1	210.1	239.5	268.9
-12.5°	0.0	10.4	31.5	56.6	85.7	115.2	145.2	178.0	208.0	237.1	266.5
-15°	0.0	10.3	31.1	55.9	84.7	113.9	143.4	175.5	205.5	234.6	263.7
-17.5°	0.0	10.2	30.7	55.1	83.4	112.2	141.2	172.6	202.8	231.6	260.3
-20°	0.0	10.1	30.1	54.2	81.9	110.3	138.7	169.4	199.5	228.1	256.3

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Scaled Data Report



REPORT NUMBER: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.9	29.5	53.1	80.1	108.2	136.0	165.8	195.8	224.1	251.8
-25°	0.0	9.7	28.8	51.9	78.2	105.6	133.0	161.8	191.6	219.5	246.7
-27.5°	0.0	9.5	28.0	50.5	76.0	102.7	129.6	157.4	186.9	214.4	241.1
-30°	0.0	9.3	27.1	49.0	73.6	99.5	125.9	152.7	181.5	208.7	235.0
-32.5°	0.0	9.0	26.2	47.4	71.0	96.1	121.8	147.9	175.6	202.4	228.3
-35°	0.0	8.8	25.1	45.6	68.1	92.4	117.4	142.8	169.3	195.5	221.2
-37.5°	0.0	8.5	24.0	43.7	65.1	88.5	112.7	137.3	162.6	188.1	213.1
-40°	0.0	8.2	22.8	41.7	61.9	84.5	107.6	131.4	155.7	180.3	204.5
-42.5°	0.0	7.9	21.5	39.6	58.8	80.3	102.3	125.2	148.5	172.1	195.4
-45°	0.0	7.6	20.2	37.2	55.7	75.9	96.6	118.6	140.9	163.6	186.1
-47.5°	0.0	7.2	18.7	34.8	52.4	71.3	90.7	111.6	132.9	154.6	176.1
-50°	0.0	6.9	17.2	32.4	49.0	66.6	85.0	104.4	124.7	145.4	165.8
-52.5°	0.0	6.5	15.7	30.0	45.4	61.8	79.2	96.8	116.1	135.7	155.1
-55°	0.0	6.1	14.1	27.6	41.8	57.1	73.2	89.0	107.2	125.8	144.1
-57.5°	0.0	5.7	12.4	25.0	37.9	52.2	67.1	82.0	97.9	115.4	132.7
-60°	0.0	5.3	10.7	22.4	34.0	47.3	60.9	74.8	88.6	104.5	120.9
-62.5°	0.0	4.9	9.9	19.7	30.4	42.1	54.7	67.4	80.0	93.3	108.3
-65°	0.0	4.5	9.0	16.9	26.8	36.9	48.3	59.8	71.2	83.0	95.4
-67.5°	0.0	4.1	8.2	14.1	23.0	31.9	41.7	52.1	62.2	72.7	83.4
-70°	0.0	3.7	7.3	11.3	19.2	27.1	35.1	44.2	53.3	62.2	71.6
-72.5°	0.0	3.2	6.4	9.6	15.3	22.3	29.2	36.3	44.2	52.1	59.8
-75°	0.0	2.8	5.5	8.3	11.4	17.4	23.3	29.2	35.1	41.8	48.4
-77.5°	0.0	2.3	4.6	6.9	9.2	12.4	17.4	22.5	27.4	32.0	37.0
-80°	0.0	1.9	3.7	5.6	7.4	9.2	11.4	15.7	19.8	23.7	27.4
-82.5°	0.0	1.4	2.8	4.2	5.6	6.9	8.3	10.1	12.2	15.4	18.4
-85°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.7	8.0	9.4	10.8
-87.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.4	4.0	4.7	5.4
-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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 CATALOG NUMBER: GFLD-SA3B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	6.4	6.9	7.3	7.8	8.2	8.6	9.0	9.4	9.8	10.2
85°	11.8	12.8	14.5	16.2	17.9	19.5	21.1	22.6	24.0	25.3	26.6
82.5°	21.2	24.0	26.8	29.7	32.2	34.6	37.0	39.4	41.9	44.3	46.7
80°	31.2	35.0	39.5	43.7	47.3	50.8	54.2	57.4	60.9	64.7	68.6
77.5°	42.7	48.2	53.4	58.2	62.9	68.0	72.9	77.6	82.6	87.4	92.1
75°	55.0	61.3	67.9	74.4	80.8	86.9	92.9	99.0	105.2	111.3	117.1
72.5°	67.8	75.8	83.6	91.2	99.0	106.7	114.1	121.2	128.6	136.1	143.2
70°	81.0	90.2	99.8	109.0	117.9	126.8	135.9	144.6	153.1	161.7	170.3
67.5°	94.4	105.8	116.7	127.0	137.4	147.9	158.1	168.5	178.5	188.6	198.3
65°	109.1	121.6	133.4	145.2	157.0	169.4	181.4	193.0	204.7	216.0	226.1
62.5°	123.5	136.8	149.9	163.3	177.4	191.2	204.4	217.7	231.2	243.1	253.4
60°	136.8	151.5	166.2	181.4	197.0	211.9	226.7	241.1	255.7	269.3	277.7
57.5°	149.6	165.9	182.1	198.6	215.0	231.6	247.1	263.0	276.6	288.1	297.8
55°	162.1	179.8	197.1	214.3	232.0	249.4	266.2	281.4	294.6	304.2	313.6
52.5°	174.2	192.9	210.7	229.4	248.2	266.6	284.2	298.3	309.2	319.0	327.7
50°	186.0	205.0	223.8	244.0	263.9	283.4	300.0	312.3	323.3	332.8	342.0
47.5°	197.0	216.8	236.9	258.2	279.1	298.0	313.2	326.1	337.4	347.6	358.5
45°	207.6	228.6	249.9	271.9	293.3	311.5	326.2	340.0	350.5	362.1	374.6
42.5°	217.9	239.9	262.3	285.0	306.6	323.6	338.2	350.9	363.3	377.1	392.2
40°	227.7	250.7	274.0	297.6	319.2	334.2	348.5	362.0	377.1	393.5	410.9
37.5°	236.9	260.7	285.0	309.5	328.4	343.9	358.6	373.6	391.2	410.1	433.7
35°	245.5	270.1	295.1	318.7	336.6	353.1	368.3	385.1	405.6	430.3	460.6
32.5°	253.4	278.8	304.5	326.1	344.2	361.4	377.0	397.9	422.5	451.9	494.9
30°	260.8	286.7	312.6	333.4	351.1	368.4	387.4	410.9	439.6	482.6	537.6
27.5°	267.6	293.9	318.9	339.5	357.3	375.0	397.3	425.7	463.6	514.9	583.3
25°	273.9	300.8	324.9	344.6	363.0	382.7	406.8	438.8	488.7	554.9	647.3
22.5°	279.5	307.0	330.7	349.1	368.3	389.6	417.8	457.9	515.3	592.6	711.8
20°	284.5	311.7	335.0	353.2	373.3	395.4	427.6	475.9	545.2	645.4	797.5
17.5°	289.0	315.9	338.3	357.2	378.1	402.0	437.2	491.6	571.8	691.4	884.1
15°	292.7	319.4	341.0	360.7	382.3	409.5	450.5	512.0	602.6	739.2	959.5
12.5°	295.9	322.3	343.2	363.5	385.7	415.7	461.8	531.3	634.7	798.0	1070.7
10°	298.4	324.6	344.9	365.6	388.4	420.8	471.1	547.1	661.3	848.8	1165.6
7.5°	300.7	326.2	346.1	367.2	390.4	424.5	478.1	559.3	681.6	888.8	1240.6
5°	302.3	327.2	346.8	368.1	392.0	426.9	482.9	567.8	695.7	917.4	1293.4
2.5°	303.4	327.5	346.9	368.3	393.2	428.0	485.4	572.4	706.7	930.9	1321.8
0°	303.7	327.2	346.5	367.9	393.6	427.8	485.5	573.2	712.2	930.4	1326.1
-2.5°	303.4	327.5	346.9	368.3	393.2	428.0	485.4	572.4	706.7	930.9	1321.8
-5°	302.3	327.2	346.8	368.1	392.0	426.9	482.9	567.8	695.7	917.4	1293.4
-7.5°	300.7	326.2	346.1	367.2	390.4	424.5	478.1	559.3	681.6	888.8	1240.6
-10°	298.4	324.6	344.9	365.6	388.4	420.8	471.1	547.1	661.3	848.8	1165.6
-12.5°	295.9	322.3	343.2	363.5	385.7	415.7	461.8	531.3	634.7	798.0	1070.7
-15°	292.7	319.4	341.0	360.7	382.3	409.5	450.5	512.0	602.6	739.2	959.5
-17.5°	289.0	315.9	338.3	357.2	378.1	402.0	437.2	491.6	571.8	691.4	884.1
-20°	284.5	311.7	335.0	353.2	373.3	395.4	427.6	475.9	545.2	645.4	797.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	279.5	307.0	330.7	349.1	368.3	389.6	417.8	457.9	515.3	592.6	711.8
-25°	273.9	300.8	324.9	344.6	363.0	382.7	406.8	438.8	488.7	554.9	647.3
-27.5°	267.6	293.9	318.9	339.5	357.3	375.0	397.3	425.7	463.6	514.9	583.3
-30°	260.8	286.7	312.6	333.4	351.1	368.4	387.4	410.9	439.6	482.6	537.6
-32.5°	253.4	278.8	304.5	326.1	344.2	361.4	377.0	397.9	422.5	451.9	494.9
-35°	245.5	270.1	295.1	318.7	336.6	353.1	368.3	385.1	405.6	430.3	460.6
-37.5°	236.9	260.7	285.0	309.5	328.4	343.9	358.6	373.6	391.2	410.1	433.7
-40°	227.7	250.7	274.0	297.6	319.2	334.2	348.5	362.0	377.1	393.5	410.9
-42.5°	217.9	239.9	262.3	285.0	306.6	323.6	338.2	350.9	363.3	377.1	392.2
-45°	207.6	228.6	249.9	271.9	293.3	311.5	326.2	340.0	350.5	362.1	374.6
-47.5°	197.0	216.8	236.9	258.2	279.1	298.0	313.2	326.1	337.4	347.6	358.5
-50°	186.0	205.0	223.8	244.0	263.9	283.4	300.0	312.3	323.3	332.8	342.0
-52.5°	174.2	192.9	210.7	229.4	248.2	266.6	284.2	298.3	309.2	319.0	327.7
-55°	162.1	179.8	197.1	214.3	232.0	249.4	266.2	281.4	294.6	304.2	313.6
-57.5°	149.6	165.9	182.1	198.6	215.0	231.6	247.1	263.0	276.6	288.1	297.8
-60°	136.8	151.5	166.2	181.4	197.0	211.9	226.7	241.1	255.7	269.3	277.7
-62.5°	123.5	136.8	149.9	163.3	177.4	191.2	204.4	217.7	231.2	243.1	253.4
-65°	109.1	121.6	133.4	145.2	157.0	169.4	181.4	193.0	204.7	216.0	226.1
-67.5°	94.4	105.8	116.7	127.0	137.4	147.9	158.1	168.5	178.5	188.6	198.3
-70°	81.0	90.2	99.8	109.0	117.9	126.8	135.9	144.6	153.1	161.7	170.3
-72.5°	67.8	75.8	83.6	91.2	99.0	106.7	114.1	121.2	128.6	136.1	143.2
-75°	55.0	61.3	67.9	74.4	80.8	86.9	92.9	99.0	105.2	111.3	117.1
-77.5°	42.7	48.2	53.4	58.2	62.9	68.0	72.9	77.6	82.6	87.4	92.1
-80°	31.2	35.0	39.5	43.7	47.3	50.8	54.2	57.4	60.9	64.7	68.6
-82.5°	21.2	24.0	26.8	29.7	32.2	34.6	37.0	39.4	41.9	44.3	46.7
-85°	11.8	12.8	14.5	16.2	17.9	19.5	21.1	22.6	24.0	25.3	26.6
-87.5°	5.9	6.4	6.9	7.3	7.8	8.2	8.6	9.0	9.4	9.8	10.2
-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: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-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°	10.5	10.4	10.2	10.0	9.7	10.4	11.0	11.7	12.4	12.0	11.6
85°	27.8	28.5	29.0	29.4	29.8	31.1	32.4	33.6	34.8	34.7	34.6
82.5°	49.0	50.6	51.9	53.1	54.2	55.7	57.1	58.3	59.4	60.1	60.8
80°	72.2	74.8	76.9	78.9	80.7	82.8	84.7	86.4	87.9	88.7	89.2
77.5°	96.7	100.4	103.8	107.0	110.0	113.0	115.7	118.2	120.3	120.8	120.7
75°	122.7	127.7	132.4	136.8	140.8	144.3	147.2	149.7	151.7	152.7	153.2
72.5°	150.0	156.2	161.7	166.7	171.0	174.6	177.7	180.4	182.7	184.1	184.9
70°	178.5	185.8	191.5	196.2	199.9	203.4	207.4	211.2	214.8	216.8	217.6
67.5°	207.1	214.7	219.9	224.2	227.5	231.0	236.1	240.6	244.6	247.3	249.1
65°	235.1	243.1	248.3	252.4	255.5	259.0	264.6	269.1	272.5	275.2	277.7
62.5°	262.8	270.8	276.6	281.5	286.0	289.9	294.5	298.2	301.2	303.8	306.9
60°	286.7	296.3	302.4	307.3	312.9	318.9	322.3	325.1	327.6	329.7	331.6
57.5°	306.3	314.8	322.7	328.6	334.4	340.0	344.0	346.6	348.8	350.4	351.0
55°	322.7	331.5	340.2	346.7	352.4	357.6	362.0	365.5	368.3	370.6	371.1
52.5°	337.4	347.2	355.9	363.3	370.8	377.0	381.8	386.5	390.6	393.9	395.3
50°	353.3	363.7	374.4	384.4	392.4	399.4	405.3	411.9	418.9	424.6	428.3
47.5°	370.2	382.1	395.0	407.2	416.7	427.2	436.9	446.8	459.7	470.6	478.7
45°	387.7	403.0	417.8	433.4	446.5	466.2	484.4	500.0	520.9	539.8	554.8
42.5°	408.5	427.5	445.7	470.6	496.7	523.5	552.5	577.3	609.9	643.0	669.7
40°	433.0	457.4	489.4	522.9	564.1	601.0	651.0	695.7	745.6	808.7	860.9
37.5°	462.6	500.1	544.6	591.3	655.5	716.9	799.7	886.9	966.0	1087.5	1189.7
35°	501.0	553.4	612.0	694.6	785.6	900.7	1029.8	1198.2	1342.6	1547.5	1743.3
32.5°	550.6	617.9	713.6	841.2	975.7	1184.5	1389.3	1681.8	1952.6	2277.3	2627.8
30°	605.7	708.2	854.4	1029.4	1280.2	1587.5	1948.5	2397.7	2889.3	3345.7	3795.5
27.5°	685.5	832.4	1024.6	1306.8	1697.7	2127.7	2760.3	3370.0	4006.1	4571.6	5043.2
25°	778.8	972.9	1270.0	1685.6	2214.3	2950.5	3707.8	4460.3	5144.4	5736.4	6257.5
22.5°	899.2	1178.4	1574.5	2112.8	2936.0	3818.5	4706.5	5536.5	6266.2	6925.4	7489.5
20°	1030.1	1379.5	1945.2	2747.9	3689.3	4694.6	5697.3	6581.5	7385.0	8132.4	8768.2
17.5°	1196.1	1685.4	2401.8	3364.7	4453.0	5554.6	6608.0	7567.4	8479.0	9269.9	9934.2
15°	1337.6	1954.8	2889.7	4019.0	5196.3	6358.2	7470.3	8512.5	9460.3	10271.8	10896.2
12.5°	1526.2	2256.7	3323.0	4581.5	5857.3	7079.9	8251.3	9328.5	10293.0	11095.6	11581.7
10°	1704.6	2569.3	3741.7	5054.2	6379.6	7682.3	8933.0	10037.8	10933.3	11571.8	11986.0
7.5°	1856.2	2838.0	4082.3	5436.3	6794.6	8156.6	9422.6	10497.5	11323.2	11856.4	12144.8
5°	1969.5	3038.8	4335.2	5746.8	7140.6	8526.5	9782.7	10791.7	11505.4	11901.4	12046.2
2.5°	2041.6	3156.7	4481.9	5950.5	7372.2	8760.5	10029.6	11022.8	11628.3	11890.8	11915.8
0°	2070.4	3172.0	4504.5	6057.3	7430.5	8827.2	10099.8	11117.9	11674.1	11890.1	11885.8
-2.5°	2041.6	3156.7	4481.9	5950.5	7372.2	8760.5	10029.6	11022.8	11628.3	11890.8	11915.8
-5°	1969.5	3038.8	4335.2	5746.8	7140.6	8526.5	9782.7	10791.7	11505.4	11901.4	12046.2
-7.5°	1856.2	2838.0	4082.3	5436.3	6794.6	8156.6	9422.6	10497.5	11323.2	11856.4	12144.8
-10°	1704.6	2569.3	3741.7	5054.2	6379.6	7682.3	8933.0	10037.8	10933.3	11571.8	11986.0
-12.5°	1526.2	2256.7	3323.0	4581.5	5857.3	7079.9	8251.3	9328.5	10293.0	11095.6	11581.7
-15°	1337.6	1954.8	2889.7	4019.0	5196.3	6358.2	7470.3	8512.5	9460.3	10271.8	10896.2
-17.5°	1196.1	1685.4	2401.8	3364.7	4453.0	5554.6	6608.0	7567.4	8479.0	9269.9	9934.2
-20°	1030.1	1379.5	1945.2	2747.9	3689.3	4694.6	5697.3	6581.5	7385.0	8132.4	8768.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	899.2	1178.4	1574.5	2112.8	2936.0	3818.5	4706.5	5536.5	6266.2	6925.4	7489.5
-25°	778.8	972.9	1270.0	1685.6	2214.3	2950.5	3707.8	4460.3	5144.4	5736.4	6257.5
-27.5°	685.5	832.4	1024.6	1306.8	1697.7	2127.7	2760.3	3370.0	4006.1	4571.6	5043.2
-30°	605.7	708.2	854.4	1029.4	1280.2	1587.5	1948.5	2397.7	2889.3	3345.7	3795.5
-32.5°	550.6	617.9	713.6	841.2	975.7	1184.5	1389.3	1681.8	1952.6	2277.3	2627.8
-35°	501.0	553.4	612.0	694.6	785.6	900.7	1029.8	1198.2	1342.6	1547.5	1743.3
-37.5°	462.6	500.1	544.6	591.3	655.5	716.9	799.7	886.9	966.0	1087.5	1189.7
-40°	433.0	457.4	489.4	522.9	564.1	601.0	651.0	695.7	745.6	808.7	860.9
-42.5°	408.5	427.5	445.7	470.6	496.7	523.5	552.5	577.3	609.9	643.0	669.7
-45°	387.7	403.0	417.8	433.4	446.5	466.2	484.4	500.0	520.9	539.8	554.8
-47.5°	370.2	382.1	395.0	407.2	416.7	427.2	436.9	446.8	459.7	470.6	478.7
-50°	353.3	363.7	374.4	384.4	392.4	399.4	405.3	411.9	418.9	424.6	428.3
-52.5°	337.4	347.2	355.9	363.3	370.8	377.0	381.8	386.5	390.6	393.9	395.3
-55°	322.7	331.5	340.2	346.7	352.4	357.6	362.0	365.5	368.3	370.6	371.1
-57.5°	306.3	314.8	322.7	328.6	334.4	340.0	344.0	346.6	348.8	350.4	351.0
-60°	286.7	296.3	302.4	307.3	312.9	318.9	322.3	325.1	327.6	329.7	331.6
-62.5°	262.8	270.8	276.6	281.5	286.0	289.9	294.5	298.2	301.2	303.8	306.9
-65°	235.1	243.1	248.3	252.4	255.5	259.0	264.6	269.1	272.5	275.2	277.7
-67.5°	207.1	214.7	219.9	224.2	227.5	231.0	236.1	240.6	244.6	247.3	249.1
-70°	178.5	185.8	191.5	196.2	199.9	203.4	207.4	211.2	214.8	216.8	217.6
-72.5°	150.0	156.2	161.7	166.7	171.0	174.6	177.7	180.4	182.7	184.1	184.9
-75°	122.7	127.7	132.4	136.8	140.8	144.3	147.2	149.7	151.7	152.7	153.2
-77.5°	96.7	100.4	103.8	107.0	110.0	113.0	115.7	118.2	120.3	120.8	120.7
-80°	72.2	74.8	76.9	78.9	80.7	82.8	84.7	86.4	87.9	88.7	89.2
-82.5°	49.0	50.6	51.9	53.1	54.2	55.7	57.1	58.3	59.4	60.1	60.8
-85°	27.8	28.5	29.0	29.4	29.8	31.1	32.4	33.6	34.8	34.7	34.6
-87.5°	10.5	10.4	10.2	10.0	9.7	10.4	11.0	11.7	12.4	12.0	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: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	11.1	10.7	10.7	10.7	10.7	10.7	11.1	11.6	12.0	12.4	11.7
85°	34.4	34.0	33.1	32.1	33.1	34.0	34.4	34.6	34.7	34.8	33.6
82.5°	61.3	61.7	60.9	59.9	60.9	61.7	61.3	60.8	60.1	59.4	58.3
80°	89.4	89.4	88.7	87.7	88.7	89.4	89.4	89.2	88.7	87.9	86.4
77.5°	120.2	119.3	119.6	119.8	119.6	119.3	120.2	120.7	120.8	120.3	118.2
75°	153.4	153.3	152.8	151.9	152.8	153.3	153.4	153.2	152.7	151.7	149.7
72.5°	185.3	185.3	184.8	183.9	184.8	185.3	185.3	184.9	184.1	182.7	180.4
70°	217.8	217.4	217.9	218.2	217.9	217.4	217.8	217.6	216.8	214.8	211.2
67.5°	250.4	251.3	251.1	250.2	251.1	251.3	250.4	249.1	247.3	244.6	240.6
65°	279.6	281.1	282.0	282.3	282.0	281.1	279.6	277.7	275.2	272.5	269.1
62.5°	309.2	310.9	311.0	310.1	311.0	310.9	309.2	306.9	303.8	301.2	298.2
60°	332.6	332.9	332.5	331.5	332.5	332.9	332.6	331.6	329.7	327.6	325.1
57.5°	351.0	350.4	349.7	348.6	349.7	350.4	351.0	351.0	350.4	348.8	346.6
55°	370.8	369.8	368.9	367.9	368.9	369.8	370.8	371.1	370.6	368.3	365.5
52.5°	395.6	395.1	394.5	393.6	394.5	395.1	395.6	395.3	393.9	390.6	386.5
50°	430.2	430.7	430.7	429.9	430.7	430.7	430.2	428.3	424.6	418.9	411.9
47.5°	483.9	486.7	488.6	489.8	488.6	486.7	483.9	478.7	470.6	459.7	446.8
45°	564.4	570.1	574.1	577.5	574.1	570.1	564.4	554.8	539.8	520.9	500.0
42.5°	688.5	701.3	707.3	705.8	707.3	701.3	688.5	669.7	643.0	609.9	577.3
40°	895.6	916.3	927.7	936.8	927.7	916.3	895.6	860.9	808.7	745.6	695.7
37.5°	1259.4	1299.5	1320.6	1338.9	1320.6	1299.5	1259.4	1189.7	1087.5	966.0	886.9
35°	1889.6	1979.7	2028.0	2044.8	2028.0	1979.7	1889.6	1743.3	1547.5	1342.6	1198.2
32.5°	2900.5	3066.8	3158.7	3229.7	3158.7	3066.8	2900.5	2627.8	2277.3	1952.6	1681.8
30°	4151.6	4370.6	4492.2	4551.6	4492.2	4370.6	4151.6	3795.5	3345.7	2889.3	2397.7
27.5°	5434.1	5683.0	5814.2	5807.1	5814.2	5683.0	5434.1	5043.2	4571.6	4006.1	3370.0
25°	6704.2	6992.6	7123.2	7240.1	7123.2	6992.6	6704.2	6257.5	5736.4	5144.4	4460.3
22.5°	7988.8	8326.0	8509.9	8596.2	8509.9	8326.0	7988.8	7489.5	6925.4	6266.2	5536.5
20°	9258.1	9633.4	9828.7	9913.7	9828.7	9633.4	9258.1	8768.2	8132.4	7385.0	6581.5
17.5°	10383.8	10750.2	10936.4	11015.3	10936.4	10750.2	10383.8	9934.2	9269.9	8479.0	7567.4
15°	11282.7	11553.0	11711.3	11753.2	11711.3	11553.0	11282.7	10896.2	10271.8	9460.3	8512.5
12.5°	11904.1	12008.8	12084.9	12108.2	12084.9	12008.8	11904.1	11581.7	11095.6	10293.0	9328.5
10°	12221.7	12174.5	12155.0	12157.4	12155.0	12174.5	12221.7	11986.0	11571.8	10933.3	10037.8
7.5°	12199.8	12129.9	11989.4	11967.1	11989.4	12129.9	12199.8	12144.8	11856.4	11323.2	10497.5
5°	12024.6	11897.2	11664.1	11597.1	11664.1	11897.2	12024.6	12046.2	11901.4	11505.4	10791.7
2.5°	11820.3	11590.7	11375.9	11237.7	11375.9	11590.7	11820.3	11915.8	11890.8	11628.3	11022.8
0°	11759.6	11494.4	11216.3	11126.5	11216.3	11494.4	11759.6	11885.8	11890.1	11674.1	11117.9
-2.5°	11820.3	11590.7	11375.9	11237.7	11375.9	11590.7	11820.3	11915.8	11890.8	11628.3	11022.8
-5°	12024.6	11897.2	11664.1	11597.1	11664.1	11897.2	12024.6	12046.2	11901.4	11505.4	10791.7
-7.5°	12199.8	12129.9	11989.4	11967.1	11989.4	12129.9	12199.8	12144.8	11856.4	11323.2	10497.5
-10°	12221.7	12174.5	12155.0	12157.4	12155.0	12174.5	12221.7	11986.0	11571.8	10933.3	10037.8
-12.5°	11904.1	12008.8	12084.9	12108.2	12084.9	12008.8	11904.1	11581.7	11095.6	10293.0	9328.5
-15°	11282.7	11553.0	11711.3	11753.2	11711.3	11553.0	11282.7	10896.2	10271.8	9460.3	8512.5
-17.5°	10383.8	10750.2	10936.4	11015.3	10936.4	10750.2	10383.8	9934.2	9269.9	8479.0	7567.4
-20°	9258.1	9633.4	9828.7	9913.7	9828.7	9633.4	9258.1	8768.2	8132.4	7385.0	6581.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	7988.8	8326.0	8509.9	8596.2	8509.9	8326.0	7988.8	7489.5	6925.4	6266.2	5536.5
-25°	6704.2	6992.6	7123.2	7240.1	7123.2	6992.6	6704.2	6257.5	5736.4	5144.4	4460.3
-27.5°	5434.1	5683.0	5814.2	5807.1	5814.2	5683.0	5434.1	5043.2	4571.6	4006.1	3370.0
-30°	4151.6	4370.6	4492.2	4551.6	4492.2	4370.6	4151.6	3795.5	3345.7	2889.3	2397.7
-32.5°	2900.5	3066.8	3158.7	3229.7	3158.7	3066.8	2900.5	2627.8	2277.3	1952.6	1681.8
-35°	1889.6	1979.7	2028.0	2044.8	2028.0	1979.7	1889.6	1743.3	1547.5	1342.6	1198.2
-37.5°	1259.4	1299.5	1320.6	1338.9	1320.6	1299.5	1259.4	1189.7	1087.5	966.0	886.9
-40°	895.6	916.3	927.7	936.8	927.7	916.3	895.6	860.9	808.7	745.6	695.7
-42.5°	688.5	701.3	707.3	705.8	707.3	701.3	688.5	669.7	643.0	609.9	577.3
-45°	564.4	570.1	574.1	577.5	574.1	570.1	564.4	554.8	539.8	520.9	500.0
-47.5°	483.9	486.7	488.6	489.8	488.6	486.7	483.9	478.7	470.6	459.7	446.8
-50°	430.2	430.7	430.7	429.9	430.7	430.7	430.2	428.3	424.6	418.9	411.9
-52.5°	395.6	395.1	394.5	393.6	394.5	395.1	395.6	395.3	393.9	390.6	386.5
-55°	370.8	369.8	368.9	367.9	368.9	369.8	370.8	371.1	370.6	368.3	365.5
-57.5°	351.0	350.4	349.7	348.6	349.7	350.4	351.0	351.0	350.4	348.8	346.6
-60°	332.6	332.9	332.5	331.5	332.5	332.9	332.6	331.6	329.7	327.6	325.1
-62.5°	309.2	310.9	311.0	310.1	311.0	310.9	309.2	306.9	303.8	301.2	298.2
-65°	279.6	281.1	282.0	282.3	282.0	281.1	279.6	277.7	275.2	272.5	269.1
-67.5°	250.4	251.3	251.1	250.2	251.1	251.3	250.4	249.1	247.3	244.6	240.6
-70°	217.8	217.4	217.9	218.2	217.9	217.4	217.8	217.6	216.8	214.8	211.2
-72.5°	185.3	185.3	184.8	183.9	184.8	185.3	185.3	184.9	184.1	182.7	180.4
-75°	153.4	153.3	152.8	151.9	152.8	153.3	153.4	153.2	152.7	151.7	149.7
-77.5°	120.2	119.3	119.6	119.8	119.6	119.3	120.2	120.7	120.8	120.3	118.2
-80°	89.4	89.4	88.7	87.7	88.7	89.4	89.4	89.2	88.7	87.9	86.4
-82.5°	61.3	61.7	60.9	59.9	60.9	61.7	61.3	60.8	60.1	59.4	58.3
-85°	34.4	34.0	33.1	32.1	33.1	34.0	34.4	34.6	34.7	34.8	33.6
-87.5°	11.1	10.7	10.7	10.7	10.7	10.7	11.1	11.6	12.0	12.4	11.7
-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: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	11.0	10.4	9.7	10.0	10.2	10.4	10.5	10.2	9.8	9.4	9.0
85°	32.4	31.1	29.8	29.4	29.0	28.5	27.8	26.6	25.3	24.0	22.6
82.5°	57.1	55.7	54.2	53.1	51.9	50.6	49.0	46.7	44.3	41.9	39.4
80°	84.7	82.8	80.7	78.9	76.9	74.8	72.2	68.6	64.7	60.9	57.4
77.5°	115.7	113.0	110.0	107.0	103.8	100.4	96.7	92.1	87.4	82.6	77.6
75°	147.2	144.3	140.8	136.8	132.4	127.7	122.7	117.1	111.3	105.2	99.0
72.5°	177.7	174.6	171.0	166.7	161.7	156.2	150.0	143.2	136.1	128.6	121.2
70°	207.4	203.4	199.9	196.2	191.5	185.8	178.5	170.3	161.7	153.1	144.6
67.5°	236.1	231.0	227.5	224.2	219.9	214.7	207.1	198.3	188.6	178.5	168.5
65°	264.6	259.0	255.5	252.4	248.3	243.1	235.1	226.1	216.0	204.7	193.0
62.5°	294.5	289.9	286.0	281.5	276.6	270.8	262.8	253.4	243.1	231.2	217.7
60°	322.3	318.9	312.9	307.3	302.4	296.3	286.7	277.7	269.3	255.7	241.1
57.5°	344.0	340.0	334.4	328.6	322.7	314.8	306.3	297.8	288.1	276.6	263.0
55°	362.0	357.6	352.4	346.7	340.2	331.5	322.7	313.6	304.2	294.6	281.4
52.5°	381.8	377.0	370.8	363.3	355.9	347.2	337.4	327.7	319.0	309.2	298.3
50°	405.3	399.4	392.4	384.4	374.4	363.7	353.3	342.0	332.8	323.3	312.3
47.5°	436.9	427.2	416.7	407.2	395.0	382.1	370.2	358.5	347.6	337.4	326.1
45°	484.4	466.2	446.5	433.4	417.8	403.0	387.7	374.6	362.1	350.5	340.0
42.5°	552.5	523.5	496.7	470.6	445.7	427.5	408.5	392.2	377.1	363.3	350.9
40°	651.0	601.0	564.1	522.9	489.4	457.4	433.0	410.9	393.5	377.1	362.0
37.5°	799.7	716.9	655.5	591.3	544.6	500.1	462.6	433.7	410.1	391.2	373.6
35°	1029.8	900.7	785.6	694.6	612.0	553.4	501.0	460.6	430.3	405.6	385.1
32.5°	1389.3	1184.5	975.7	841.2	713.6	617.9	550.6	494.9	451.9	422.5	397.9
30°	1948.5	1587.5	1280.2	1029.4	854.4	708.2	605.7	537.6	482.6	439.6	410.9
27.5°	2760.3	2127.7	1697.7	1306.8	1024.6	832.4	685.5	583.3	514.9	463.6	425.7
25°	3707.8	2950.5	2214.3	1685.6	1270.0	972.9	778.8	647.3	554.9	488.7	438.8
22.5°	4706.5	3818.5	2936.0	2112.8	1574.5	1178.4	899.2	711.8	592.6	515.3	457.9
20°	5697.3	4694.6	3689.3	2747.9	1945.2	1379.5	1030.1	797.5	645.4	545.2	475.9
17.5°	6608.0	5554.6	4453.0	3364.7	2401.8	1685.4	1196.1	884.1	691.4	571.8	491.6
15°	7470.3	6358.2	5196.3	4019.0	2889.7	1954.8	1337.6	959.5	739.2	602.6	512.0
12.5°	8251.3	7079.9	5857.3	4581.5	3323.0	2256.7	1526.2	1070.7	798.0	634.7	531.3
10°	8933.0	7682.3	6379.6	5054.2	3741.7	2569.3	1704.6	1165.6	848.8	661.3	547.1
7.5°	9422.6	8156.6	6794.6	5436.3	4082.3	2838.0	1856.2	1240.6	888.8	681.6	559.3
5°	9782.7	8526.5	7140.6	5746.8	4335.2	3038.8	1969.5	1293.4	917.4	695.7	567.8
2.5°	10029.6	8760.5	7372.2	5950.5	4481.9	3156.7	2041.6	1321.8	930.9	706.7	572.4
0°	10099.8	8827.2	7430.5	6057.3	4504.5	3172.0	2070.4	1326.1	930.4	712.2	573.2
-2.5°	10029.6	8760.5	7372.2	5950.5	4481.9	3156.7	2041.6	1321.8	930.9	706.7	572.4
-5°	9782.7	8526.5	7140.6	5746.8	4335.2	3038.8	1969.5	1293.4	917.4	695.7	567.8
-7.5°	9422.6	8156.6	6794.6	5436.3	4082.3	2838.0	1856.2	1240.6	888.8	681.6	559.3
-10°	8933.0	7682.3	6379.6	5054.2	3741.7	2569.3	1704.6	1165.6	848.8	661.3	547.1
-12.5°	8251.3	7079.9	5857.3	4581.5	3323.0	2256.7	1526.2	1070.7	798.0	634.7	531.3
-15°	7470.3	6358.2	5196.3	4019.0	2889.7	1954.8	1337.6	959.5	739.2	602.6	512.0
-17.5°	6608.0	5554.6	4453.0	3364.7	2401.8	1685.4	1196.1	884.1	691.4	571.8	491.6
-20°	5697.3	4694.6	3689.3	2747.9	1945.2	1379.5	1030.1	797.5	645.4	545.2	475.9



REPORT NUMBER: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4706.5	3818.5	2936.0	2112.8	1574.5	1178.4	899.2	711.8	592.6	515.3	457.9
-25°	3707.8	2950.5	2214.3	1685.6	1270.0	972.9	778.8	647.3	554.9	488.7	438.8
-27.5°	2760.3	2127.7	1697.7	1306.8	1024.6	832.4	685.5	583.3	514.9	463.6	425.7
-30°	1948.5	1587.5	1280.2	1029.4	854.4	708.2	605.7	537.6	482.6	439.6	410.9
-32.5°	1389.3	1184.5	975.7	841.2	713.6	617.9	550.6	494.9	451.9	422.5	397.9
-35°	1029.8	900.7	785.6	694.6	612.0	553.4	501.0	460.6	430.3	405.6	385.1
-37.5°	799.7	716.9	655.5	591.3	544.6	500.1	462.6	433.7	410.1	391.2	373.6
-40°	651.0	601.0	564.1	522.9	489.4	457.4	433.0	410.9	393.5	377.1	362.0
-42.5°	552.5	523.5	496.7	470.6	445.7	427.5	408.5	392.2	377.1	363.3	350.9
-45°	484.4	466.2	446.5	433.4	417.8	403.0	387.7	374.6	362.1	350.5	340.0
-47.5°	436.9	427.2	416.7	407.2	395.0	382.1	370.2	358.5	347.6	337.4	326.1
-50°	405.3	399.4	392.4	384.4	374.4	363.7	353.3	342.0	332.8	323.3	312.3
-52.5°	381.8	377.0	370.8	363.3	355.9	347.2	337.4	327.7	319.0	309.2	298.3
-55°	362.0	357.6	352.4	346.7	340.2	331.5	322.7	313.6	304.2	294.6	281.4
-57.5°	344.0	340.0	334.4	328.6	322.7	314.8	306.3	297.8	288.1	276.6	263.0
-60°	322.3	318.9	312.9	307.3	302.4	296.3	286.7	277.7	269.3	255.7	241.1
-62.5°	294.5	289.9	286.0	281.5	276.6	270.8	262.8	253.4	243.1	231.2	217.7
-65°	264.6	259.0	255.5	252.4	248.3	243.1	235.1	226.1	216.0	204.7	193.0
-67.5°	236.1	231.0	227.5	224.2	219.9	214.7	207.1	198.3	188.6	178.5	168.5
-70°	207.4	203.4	199.9	196.2	191.5	185.8	178.5	170.3	161.7	153.1	144.6
-72.5°	177.7	174.6	171.0	166.7	161.7	156.2	150.0	143.2	136.1	128.6	121.2
-75°	147.2	144.3	140.8	136.8	132.4	127.7	122.7	117.1	111.3	105.2	99.0
-77.5°	115.7	113.0	110.0	107.0	103.8	100.4	96.7	92.1	87.4	82.6	77.6
-80°	84.7	82.8	80.7	78.9	76.9	74.8	72.2	68.6	64.7	60.9	57.4
-82.5°	57.1	55.7	54.2	53.1	51.9	50.6	49.0	46.7	44.3	41.9	39.4
-85°	32.4	31.1	29.8	29.4	29.0	28.5	27.8	26.6	25.3	24.0	22.6
-87.5°	11.0	10.4	9.7	10.0	10.2	10.4	10.5	10.2	9.8	9.4	9.0
-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: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	8.6	8.2	7.8	7.3	6.9	6.4	5.9	5.4	4.7	4.0	3.4
85°	21.1	19.5	17.9	16.2	14.5	12.8	11.8	10.8	9.4	8.0	6.7
82.5°	37.0	34.6	32.2	29.7	26.8	24.0	21.2	18.4	15.4	12.2	10.1
80°	54.2	50.8	47.3	43.7	39.5	35.0	31.2	27.4	23.7	19.8	15.7
77.5°	72.9	68.0	62.9	58.2	53.4	48.2	42.7	37.0	32.0	27.4	22.5
75°	92.9	86.9	80.8	74.4	67.9	61.3	55.0	48.4	41.8	35.1	29.2
72.5°	114.1	106.7	99.0	91.2	83.6	75.8	67.8	59.8	52.1	44.2	36.3
70°	135.9	126.8	117.9	109.0	99.8	90.2	81.0	71.6	62.2	53.3	44.2
67.5°	158.1	147.9	137.4	127.0	116.7	105.8	94.4	83.4	72.7	62.2	52.1
65°	181.4	169.4	157.0	145.2	133.4	121.6	109.1	95.4	83.0	71.2	59.8
62.5°	204.4	191.2	177.4	163.3	149.9	136.8	123.5	108.3	93.3	80.0	67.4
60°	226.7	211.9	197.0	181.4	166.2	151.5	136.8	120.9	104.5	88.6	74.8
57.5°	247.1	231.6	215.0	198.6	182.1	165.9	149.6	132.7	115.4	97.9	82.0
55°	266.2	249.4	232.0	214.3	197.1	179.8	162.1	144.1	125.8	107.2	89.0
52.5°	284.2	266.6	248.2	229.4	210.7	192.9	174.2	155.1	135.7	116.1	96.8
50°	300.0	283.4	263.9	244.0	223.8	205.0	186.0	165.8	145.4	124.7	104.4
47.5°	313.2	298.0	279.1	258.2	236.9	216.8	197.0	176.1	154.6	132.9	111.6
45°	326.2	311.5	293.3	271.9	249.9	228.6	207.6	186.1	163.6	140.9	118.6
42.5°	338.2	323.6	306.6	285.0	262.3	239.9	217.9	195.4	172.1	148.5	125.2
40°	348.5	334.2	319.2	297.6	274.0	250.7	227.7	204.5	180.3	155.7	131.4
37.5°	358.6	343.9	328.4	309.5	285.0	260.7	236.9	213.1	188.1	162.6	137.3
35°	368.3	353.1	336.6	318.7	295.1	270.1	245.5	221.2	195.5	169.3	142.8
32.5°	377.0	361.4	344.2	326.1	304.5	278.8	253.4	228.3	202.4	175.6	147.9
30°	387.4	368.4	351.1	333.4	312.6	286.7	260.8	235.0	208.7	181.5	152.7
27.5°	397.3	375.0	357.3	339.5	318.9	293.9	267.6	241.1	214.4	186.9	157.4
25°	406.8	382.7	363.0	344.6	324.9	300.8	273.9	246.7	219.5	191.6	161.8
22.5°	417.8	389.6	368.3	349.1	330.7	307.0	279.5	251.8	224.1	195.8	165.8
20°	427.6	395.4	373.3	353.2	335.0	311.7	284.5	256.3	228.1	199.5	169.4
17.5°	437.2	402.0	378.1	357.2	338.3	315.9	289.0	260.3	231.6	202.8	172.6
15°	450.5	409.5	382.3	360.7	341.0	319.4	292.7	263.7	234.6	205.5	175.5
12.5°	461.8	415.7	385.7	363.5	343.2	322.3	295.9	266.5	237.1	208.0	178.0
10°	471.1	420.8	388.4	365.6	344.9	324.6	298.4	268.9	239.5	210.1	180.1
7.5°	478.1	424.5	390.4	367.2	346.1	326.2	300.7	271.1	241.4	211.8	181.8
5°	482.9	426.9	392.0	368.1	346.8	327.2	302.3	272.6	242.7	212.9	183.0
2.5°	485.4	428.0	393.2	368.3	346.9	327.5	303.4	273.5	243.5	213.7	183.7
0°	485.5	427.8	393.6	367.9	346.5	327.2	303.7	273.8	243.8	213.9	183.9
-2.5°	485.4	428.0	393.2	368.3	346.9	327.5	303.4	273.5	243.5	213.7	183.7
-5°	482.9	426.9	392.0	368.1	346.8	327.2	302.3	272.6	242.7	212.9	183.0
-7.5°	478.1	424.5	390.4	367.2	346.1	326.2	300.7	271.1	241.4	211.8	181.8
-10°	471.1	420.8	388.4	365.6	344.9	324.6	298.4	268.9	239.5	210.1	180.1
-12.5°	461.8	415.7	385.7	363.5	343.2	322.3	295.9	266.5	237.1	208.0	178.0
-15°	450.5	409.5	382.3	360.7	341.0	319.4	292.7	263.7	234.6	205.5	175.5
-17.5°	437.2	402.0	378.1	357.2	338.3	315.9	289.0	260.3	231.6	202.8	172.6
-20°	427.6	395.4	373.3	353.2	335.0	311.7	284.5	256.3	228.1	199.5	169.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627067 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	417.8	389.6	368.3	349.1	330.7	307.0	279.5	251.8	224.1	195.8	165.8
-25°	406.8	382.7	363.0	344.6	324.9	300.8	273.9	246.7	219.5	191.6	161.8
-27.5°	397.3	375.0	357.3	339.5	318.9	293.9	267.6	241.1	214.4	186.9	157.4
-30°	387.4	368.4	351.1	333.4	312.6	286.7	260.8	235.0	208.7	181.5	152.7
-32.5°	377.0	361.4	344.2	326.1	304.5	278.8	253.4	228.3	202.4	175.6	147.9
-35°	368.3	353.1	336.6	318.7	295.1	270.1	245.5	221.2	195.5	169.3	142.8
-37.5°	358.6	343.9	328.4	309.5	285.0	260.7	236.9	213.1	188.1	162.6	137.3
-40°	348.5	334.2	319.2	297.6	274.0	250.7	227.7	204.5	180.3	155.7	131.4
-42.5°	338.2	323.6	306.6	285.0	262.3	239.9	217.9	195.4	172.1	148.5	125.2
-45°	326.2	311.5	293.3	271.9	249.9	228.6	207.6	186.1	163.6	140.9	118.6
-47.5°	313.2	298.0	279.1	258.2	236.9	216.8	197.0	176.1	154.6	132.9	111.6
-50°	300.0	283.4	263.9	244.0	223.8	205.0	186.0	165.8	145.4	124.7	104.4
-52.5°	284.2	266.6	248.2	229.4	210.7	192.9	174.2	155.1	135.7	116.1	96.8
-55°	266.2	249.4	232.0	214.3	197.1	179.8	162.1	144.1	125.8	107.2	89.0
-57.5°	247.1	231.6	215.0	198.6	182.1	165.9	149.6	132.7	115.4	97.9	82.0
-60°	226.7	211.9	197.0	181.4	166.2	151.5	136.8	120.9	104.5	88.6	74.8
-62.5°	204.4	191.2	177.4	163.3	149.9	136.8	123.5	108.3	93.3	80.0	67.4
-65°	181.4	169.4	157.0	145.2	133.4	121.6	109.1	95.4	83.0	71.2	59.8
-67.5°	158.1	147.9	137.4	127.0	116.7	105.8	94.4	83.4	72.7	62.2	52.1
-70°	135.9	126.8	117.9	109.0	99.8	90.2	81.0	71.6	62.2	53.3	44.2
-72.5°	114.1	106.7	99.0	91.2	83.6	75.8	67.8	59.8	52.1	44.2	36.3
-75°	92.9	86.9	80.8	74.4	67.9	61.3	55.0	48.4	41.8	35.1	29.2
-77.5°	72.9	68.0	62.9	58.2	53.4	48.2	42.7	37.0	32.0	27.4	22.5
-80°	54.2	50.8	47.3	43.7	39.5	35.0	31.2	27.4	23.7	19.8	15.7
-82.5°	37.0	34.6	32.2	29.7	26.8	24.0	21.2	18.4	15.4	12.2	10.1
-85°	21.1	19.5	17.9	16.2	14.5	12.8	11.8	10.8	9.4	8.0	6.7
-87.5°	8.6	8.2	7.8	7.3	6.9	6.4	5.9	5.4	4.7	4.0	3.4
-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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CATALOG NUMBER: GFLD-SA3B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
85°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
82.5°	8.3	6.9	5.6	4.2	2.8	1.4	0.0
80°	11.4	9.2	7.4	5.6	3.7	1.9	0.0
77.5°	17.4	12.4	9.2	6.9	4.6	2.3	0.0
75°	23.3	17.4	11.4	8.3	5.5	2.8	0.0
72.5°	29.2	22.3	15.3	9.6	6.4	3.2	0.0
70°	35.1	27.1	19.2	11.3	7.3	3.7	0.0
67.5°	41.7	31.9	23.0	14.1	8.2	4.1	0.0
65°	48.3	36.9	26.8	16.9	9.0	4.5	0.0
62.5°	54.7	42.1	30.4	19.7	9.9	4.9	0.0
60°	60.9	47.3	34.0	22.4	10.7	5.3	0.0
57.5°	67.1	52.2	37.9	25.0	12.4	5.7	0.0
55°	73.2	57.1	41.8	27.6	14.1	6.1	0.0
52.5°	79.2	61.8	45.4	30.0	15.7	6.5	0.0
50°	85.0	66.6	49.0	32.4	17.2	6.9	0.0
47.5°	90.7	71.3	52.4	34.8	18.7	7.2	0.0
45°	96.6	75.9	55.7	37.2	20.2	7.6	0.0
42.5°	102.3	80.3	58.8	39.6	21.5	7.9	0.0
40°	107.6	84.5	61.9	41.7	22.8	8.2	0.0
37.5°	112.7	88.5	65.1	43.7	24.0	8.5	0.0
35°	117.4	92.4	68.1	45.6	25.1	8.8	0.0
32.5°	121.8	96.1	71.0	47.4	26.2	9.0	0.0
30°	125.9	99.5	73.6	49.0	27.1	9.3	0.0
27.5°	129.6	102.7	76.0	50.5	28.0	9.5	0.0
25°	133.0	105.6	78.2	51.9	28.8	9.7	0.0
22.5°	136.0	108.2	80.1	53.1	29.5	9.9	0.0
20°	138.7	110.3	81.9	54.2	30.1	10.1	0.0
17.5°	141.2	112.2	83.4	55.1	30.7	10.2	0.0
15°	143.4	113.9	84.7	55.9	31.1	10.3	0.0
12.5°	145.2	115.2	85.7	56.6	31.5	10.4	0.0
10°	146.8	116.3	86.6	57.1	31.8	10.5	0.0
7.5°	148.1	117.0	87.2	57.5	32.0	10.6	0.0
5°	149.0	117.5	87.6	57.7	32.1	10.7	0.0
2.5°	149.5	117.7	87.8	57.8	32.2	10.7	0.0
0°	149.7	117.6	87.7	57.7	32.1	10.7	0.0
-2.5°	149.5	117.7	87.8	57.8	32.2	10.7	0.0
-5°	149.0	117.5	87.6	57.7	32.1	10.7	0.0
-7.5°	148.1	117.0	87.2	57.5	32.0	10.6	0.0
-10°	146.8	116.3	86.6	57.1	31.8	10.5	0.0
-12.5°	145.2	115.2	85.7	56.6	31.5	10.4	0.0
-15°	143.4	113.9	84.7	55.9	31.1	10.3	0.0
-17.5°	141.2	112.2	83.4	55.1	30.7	10.2	0.0
-20°	138.7	110.3	81.9	54.2	30.1	10.1	0.0

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CATALOG NUMBER: GFLD-SA3B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	136.0	108.2	80.1	53.1	29.5	9.9	0.0
-25°	133.0	105.6	78.2	51.9	28.8	9.7	0.0
-27.5°	129.6	102.7	76.0	50.5	28.0	9.5	0.0
-30°	125.9	99.5	73.6	49.0	27.1	9.3	0.0
-32.5°	121.8	96.1	71.0	47.4	26.2	9.0	0.0
-35°	117.4	92.4	68.1	45.6	25.1	8.8	0.0
-37.5°	112.7	88.5	65.1	43.7	24.0	8.5	0.0
-40°	107.6	84.5	61.9	41.7	22.8	8.2	0.0
-42.5°	102.3	80.3	58.8	39.6	21.5	7.9	0.0
-45°	96.6	75.9	55.7	37.2	20.2	7.6	0.0
-47.5°	90.7	71.3	52.4	34.8	18.7	7.2	0.0
-50°	85.0	66.6	49.0	32.4	17.2	6.9	0.0
-52.5°	79.2	61.8	45.4	30.0	15.7	6.5	0.0
-55°	73.2	57.1	41.8	27.6	14.1	6.1	0.0
-57.5°	67.1	52.2	37.9	25.0	12.4	5.7	0.0
-60°	60.9	47.3	34.0	22.4	10.7	5.3	0.0
-62.5°	54.7	42.1	30.4	19.7	9.9	4.9	0.0
-65°	48.3	36.9	26.8	16.9	9.0	4.5	0.0
-67.5°	41.7	31.9	23.0	14.1	8.2	4.1	0.0
-70°	35.1	27.1	19.2	11.3	7.3	3.7	0.0
-72.5°	29.2	22.3	15.3	9.6	6.4	3.2	0.0
-75°	23.3	17.4	11.4	8.3	5.5	2.8	0.0
-77.5°	17.4	12.4	9.2	6.9	4.6	2.3	0.0
-80°	11.4	9.2	7.4	5.6	3.7	1.9	0.0
-82.5°	8.3	6.9	5.6	4.2	2.8	1.4	0.0
-85°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
-87.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)