

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: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627545 (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-SA5B-722-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N106
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

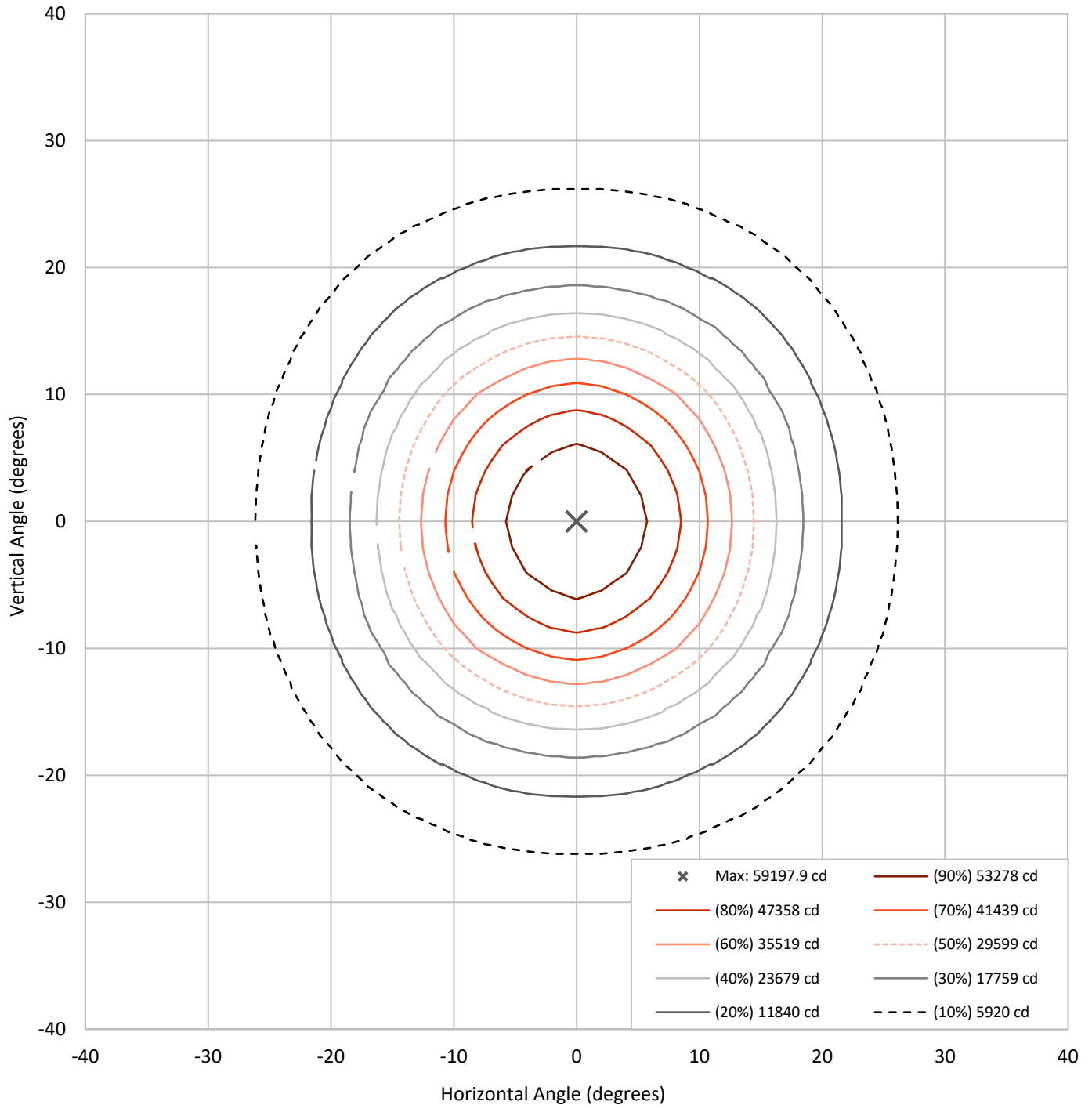
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	18495.5 lumens	Max Intensity:	59197.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	8992.2 lumens	Field Lumens:	15175.2 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	158.7		
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





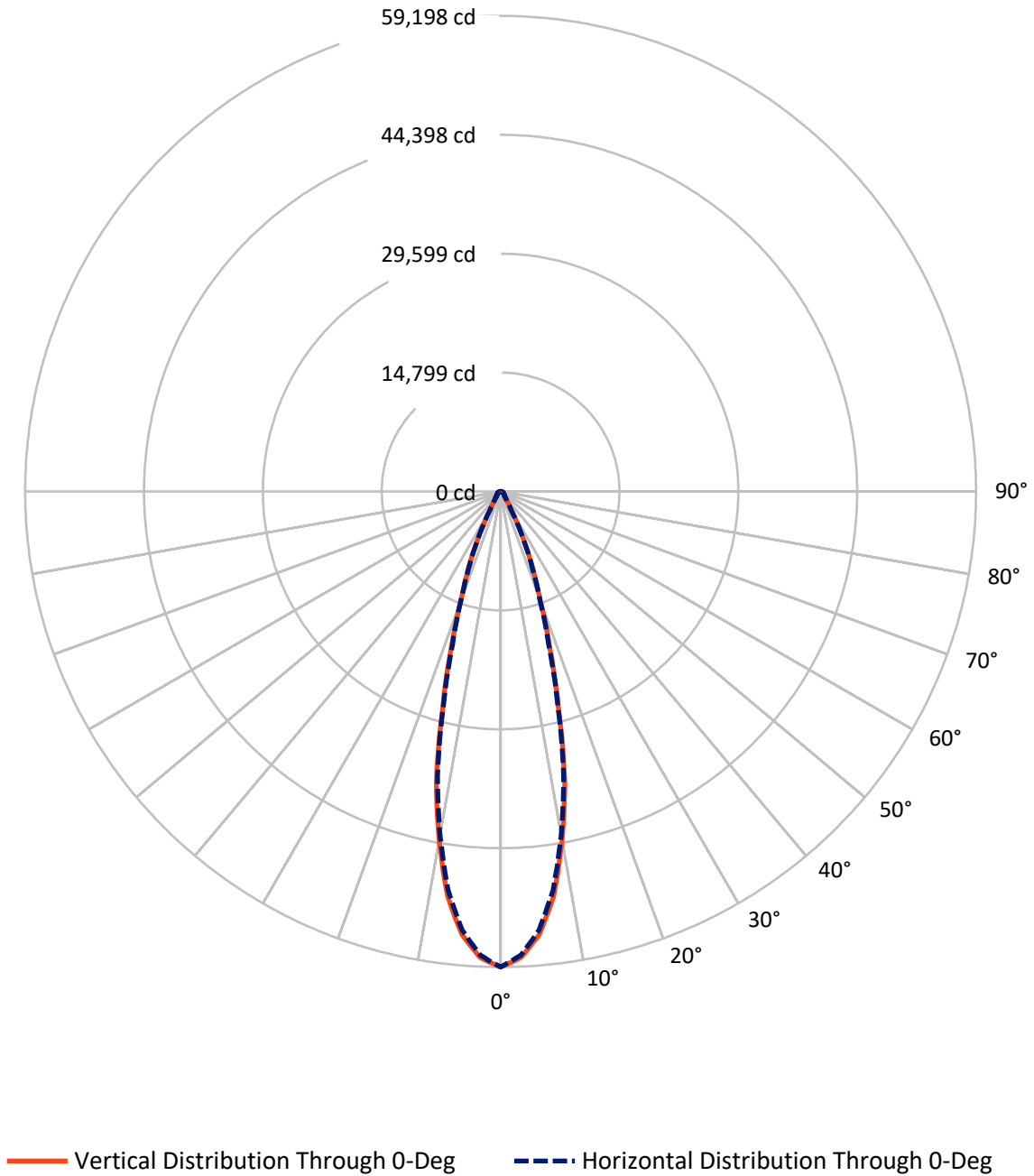
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Lumen Table

90																			
80	0.4	3.1		8.0		12.7		14.1		12.7		8.0		3.1		0.4			
70																			
60	1.4	1.6	3.2	5.2	7.3	9.0	10.0	10.5	10.5	10.0	9.0	7.3	5.2	3.2	1.6	1.4			
50		2.4	4.8	7.7	10.3	12.7	14.3	14.8	14.8	14.3	12.7	10.3	7.7	4.8	2.4				
40	2.4	3.0	6.1	9.5	12.7	16.0	18.8	20.2	20.2	18.8	16.0	12.7	9.5	6.1	3.0	2.4			
30		3.6	7.2	11.0	15.5	22.1	32.1	41.6	41.6	32.1	22.1	15.5	11.0	7.2	3.6				
20	3.1	4.0	7.9	12.4	19.9	43.2	121.7	215.9	215.9	121.7	43.2	19.9	12.4	7.9	4.0	3.1			
10		4.3	8.3	13.5	27.1	113.5	404.6	775.3	775.3	404.6	113.5	27.1	13.5	8.3	4.3				
0	3.4	4.5	8.4	14.2	34.4	195.9	748.9	1473.0	1473.0	748.9	195.9	34.4	14.2	8.4	4.5	3.4			
-10		4.5	8.4	14.2	34.4	195.9	748.9	1473.0	1473.0	748.9	195.9	34.4	14.2	8.4	4.5				
-20	3.1	4.3	8.3	13.5	27.1	113.5	404.6	775.3	775.3	404.6	113.5	27.1	13.5	8.3	4.3	3.1			
-30		4.0	7.9	12.4	19.9	43.2	121.7	215.9	215.9	121.7	43.2	19.9	12.4	7.9	4.0				
-40	2.4	3.6	7.2	11.0	15.5	22.1	32.1	41.6	41.6	32.1	22.1	15.5	11.0	7.2	3.6	2.4			
-50		3.0	6.1	9.5	12.7	16.0	18.8	20.2	20.2	18.8	16.0	12.7	9.5	6.1	3.0				
-60	1.4	2.4	4.8	7.7	10.3	12.7	14.3	14.8	14.8	14.3	12.7	10.3	7.7	4.8	2.4	1.4			
-70		1.6	3.2	5.2	7.3	9.0	10.0	10.5	10.5	10.0	9.0	7.3	5.2	3.2	1.6				
-80																			
-90	0.4	3.1		8.0		12.7		14.1		12.7		8.0		3.1		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

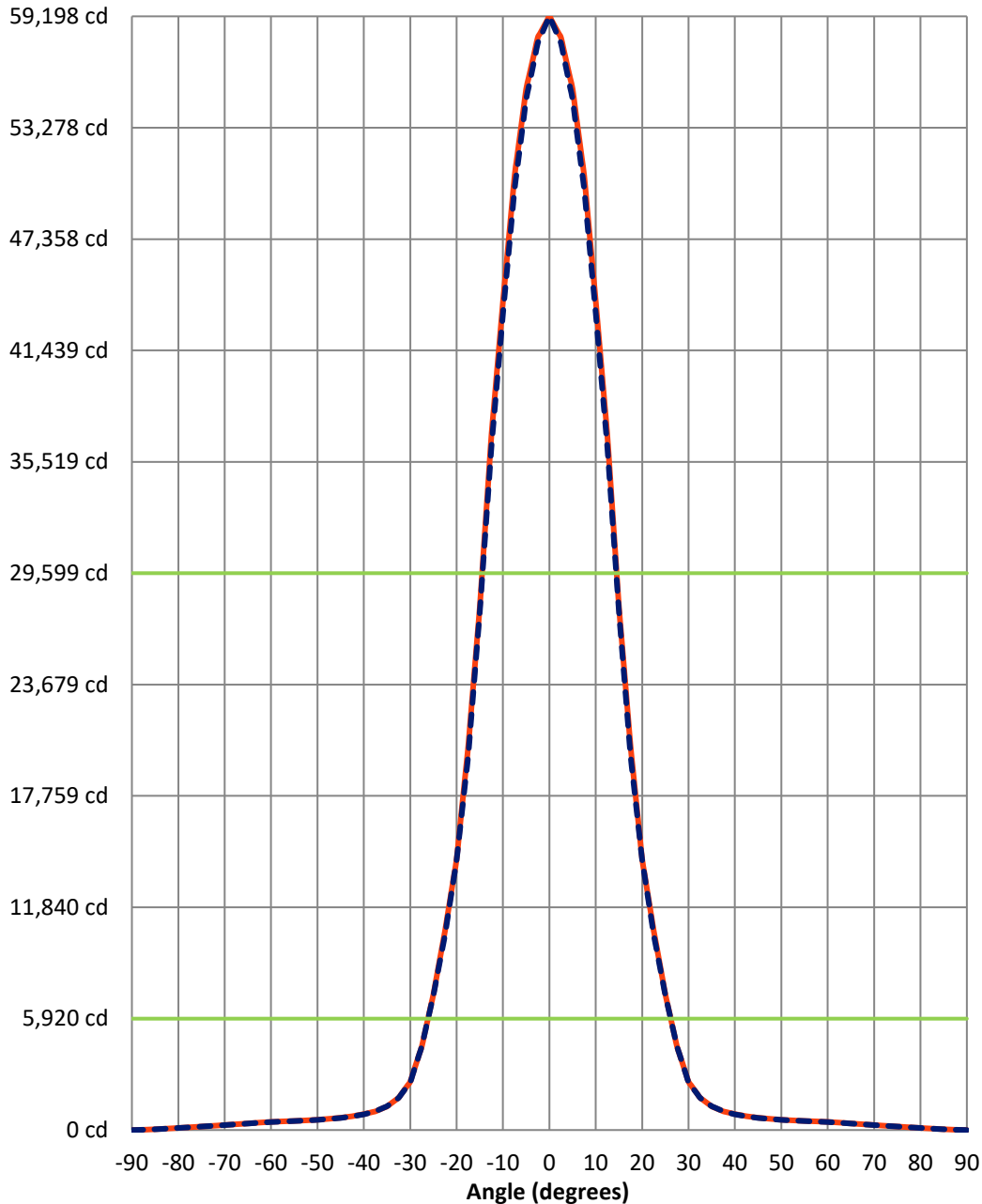
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 8992.2
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 15175.2
 Efficiency: 82.0%

Spill:
 Lumens: 3320.3
 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	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.2	5.8	6.4
85°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.1	10.4	11.6	12.8
82.5°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	13.7	15.9	19.5	23.2
80°	0.0	2.6	5.3	7.9	10.5	13.1	16.0	20.6	25.5	30.6	35.9
77.5°	0.0	3.3	6.6	9.8	13.1	17.2	22.8	28.7	35.0	41.6	48.8
75°	0.0	3.9	7.9	11.8	16.0	22.8	29.5	36.7	44.5	53.7	62.8
72.5°	0.0	4.6	9.1	13.7	20.4	28.3	36.1	45.0	55.7	66.3	76.7
70°	0.0	5.2	10.4	15.8	24.8	33.8	42.9	54.7	66.8	78.7	91.6
67.5°	0.0	5.8	11.6	19.1	29.1	39.2	51.2	64.3	77.7	92.3	106.6
65°	0.0	6.4	12.8	22.2	33.4	45.2	59.3	73.6	89.6	105.6	121.7
62.5°	0.0	7.0	14.0	25.4	37.5	51.9	67.3	83.6	101.2	118.8	137.3
60°	0.0	7.6	15.2	28.4	41.6	58.4	75.1	93.5	112.6	132.2	152.4
57.5°	0.0	8.2	17.2	31.4	46.6	64.8	83.3	103.3	123.9	145.2	167.4
55°	0.0	8.7	19.1	34.3	51.6	71.0	91.4	112.8	134.9	157.8	182.0
52.5°	0.0	9.3	21.0	37.1	56.4	77.0	99.1	122.0	145.4	170.7	196.3
50°	0.0	9.8	22.8	39.8	61.1	83.2	106.5	130.9	155.8	183.1	209.5
47.5°	0.0	10.3	24.5	42.6	65.6	89.0	113.6	139.4	166.4	195.0	221.9
45°	0.0	10.7	26.2	45.8	69.9	94.6	120.7	147.7	176.7	205.6	233.7
42.5°	0.0	11.2	27.8	48.9	74.0	99.9	127.4	155.9	186.4	215.5	244.6
40°	0.0	11.6	29.3	51.9	78.0	104.9	133.8	163.9	195.3	224.8	254.8
37.5°	0.0	12.1	30.8	54.6	81.8	109.6	139.9	171.4	203.2	233.8	264.5
35°	0.0	12.4	32.2	57.1	85.4	114.3	145.7	178.4	210.7	242.2	273.6
32.5°	0.0	12.8	33.5	59.5	88.7	118.8	151.1	184.8	217.6	250.1	282.5
30°	0.0	13.2	34.7	61.6	91.7	122.9	156.3	190.7	224.1	257.5	290.7
27.5°	0.0	13.5	35.8	63.6	94.5	126.8	161.0	195.8	230.1	264.2	298.3
25°	0.0	13.8	36.8	65.3	97.1	130.3	165.2	200.6	235.5	270.4	305.2
22.5°	0.0	14.0	37.7	66.9	99.4	133.5	169.0	204.8	240.4	276.0	312.2
20°	0.0	14.3	38.6	68.3	101.6	136.2	172.3	208.6	244.8	280.9	318.3
17.5°	0.0	14.5	39.3	69.4	103.5	138.6	175.3	211.8	248.5	285.2	323.7
15°	0.0	14.7	40.0	70.4	105.2	140.5	178.1	214.9	251.7	288.8	328.3
12.5°	0.0	14.8	40.5	71.2	106.7	142.1	180.5	217.7	254.7	291.8	332.0
10°	0.0	15.0	41.0	71.8	107.9	143.3	182.5	220.0	257.4	295.3	335.5
7.5°	0.0	15.1	41.3	72.1	108.9	144.1	184.1	221.9	259.5	298.4	339.3
5°	0.0	15.1	41.6	72.3	109.6	144.6	185.2	223.2	261.0	301.0	342.3
2.5°	0.0	15.2	41.7	72.4	110.1	144.7	186.0	223.9	261.9	302.8	344.5
0°	0.0	15.2	41.8	72.2	110.2	144.4	186.2	224.2	262.2	304.0	345.8
-2.5°	0.0	15.2	41.7	72.4	110.1	144.7	186.0	223.9	261.9	302.8	344.5
-5°	0.0	15.1	41.6	72.3	109.6	144.6	185.2	223.2	261.0	301.0	342.3
-7.5°	0.0	15.1	41.3	72.1	108.9	144.1	184.1	221.9	259.5	298.4	339.3
-10°	0.0	15.0	41.0	71.8	107.9	143.3	182.5	220.0	257.4	295.3	335.5
-12.5°	0.0	14.8	40.5	71.2	106.7	142.1	180.5	217.7	254.7	291.8	332.0
-15°	0.0	14.7	40.0	70.4	105.2	140.5	178.1	214.9	251.7	288.8	328.3
-17.5°	0.0	14.5	39.3	69.4	103.5	138.6	175.3	211.8	248.5	285.2	323.7
-20°	0.0	14.3	38.6	68.3	101.6	136.2	172.3	208.6	244.8	280.9	318.3

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Scaled Data Report



REPORT NUMBER: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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	14.0	37.7	66.9	99.4	133.5	169.0	204.8	240.4	276.0	312.2
-25°	0.0	13.8	36.8	65.3	97.1	130.3	165.2	200.6	235.5	270.4	305.2
-27.5°	0.0	13.5	35.8	63.6	94.5	126.8	161.0	195.8	230.1	264.2	298.3
-30°	0.0	13.2	34.7	61.6	91.7	122.9	156.3	190.7	224.1	257.5	290.7
-32.5°	0.0	12.8	33.5	59.5	88.7	118.8	151.1	184.8	217.6	250.1	282.5
-35°	0.0	12.4	32.2	57.1	85.4	114.3	145.7	178.4	210.7	242.2	273.6
-37.5°	0.0	12.1	30.8	54.6	81.8	109.6	139.9	171.4	203.2	233.8	264.5
-40°	0.0	11.6	29.3	51.9	78.0	104.9	133.8	163.9	195.3	224.8	254.8
-42.5°	0.0	11.2	27.8	48.9	74.0	99.9	127.4	155.9	186.4	215.5	244.6
-45°	0.0	10.7	26.2	45.8	69.9	94.6	120.7	147.7	176.7	205.6	233.7
-47.5°	0.0	10.3	24.5	42.6	65.6	89.0	113.6	139.4	166.4	195.0	221.9
-50°	0.0	9.8	22.8	39.8	61.1	83.2	106.5	130.9	155.8	183.1	209.5
-52.5°	0.0	9.3	21.0	37.1	56.4	77.0	99.1	122.0	145.4	170.7	196.3
-55°	0.0	8.7	19.1	34.3	51.6	71.0	91.4	112.8	134.9	157.8	182.0
-57.5°	0.0	8.2	17.2	31.4	46.6	64.8	83.3	103.3	123.9	145.2	167.4
-60°	0.0	7.6	15.2	28.4	41.6	58.4	75.1	93.5	112.6	132.2	152.4
-62.5°	0.0	7.0	14.0	25.4	37.5	51.9	67.3	83.6	101.2	118.8	137.3
-65°	0.0	6.4	12.8	22.2	33.4	45.2	59.3	73.6	89.6	105.6	121.7
-67.5°	0.0	5.8	11.6	19.1	29.1	39.2	51.2	64.3	77.7	92.3	106.6
-70°	0.0	5.2	10.4	15.8	24.8	33.8	42.9	54.7	66.8	78.7	91.6
-72.5°	0.0	4.6	9.1	13.7	20.4	28.3	36.1	45.0	55.7	66.3	76.7
-75°	0.0	3.9	7.9	11.8	16.0	22.8	29.5	36.7	44.5	53.7	62.8
-77.5°	0.0	3.3	6.6	9.8	13.1	17.2	22.8	28.7	35.0	41.6	48.8
-80°	0.0	2.6	5.3	7.9	10.5	13.1	16.0	20.6	25.5	30.6	35.9
-82.5°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	13.7	15.9	19.5	23.2
-85°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.1	10.4	11.6	12.8
-87.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.2	5.8	6.4
-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-SA5B-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°	7.0	7.6	8.2	8.7	9.3	9.8	10.3	10.7	11.2	11.6	12.1
85°	14.0	15.2	17.4	19.6	21.8	23.9	25.8	27.8	29.6	31.4	33.0
82.5°	26.8	30.3	33.7	37.0	40.2	43.3	46.3	49.2	52.0	54.6	57.1
80°	40.7	45.4	50.1	54.4	58.6	62.7	66.7	70.6	74.2	78.2	82.4
77.5°	55.4	61.4	66.8	71.7	77.1	83.6	89.8	95.8	101.6	107.1	112.3
75°	70.6	77.4	84.8	92.1	99.8	107.6	115.1	122.4	129.4	136.7	143.9
72.5°	86.6	95.8	104.7	113.4	123.1	132.5	141.2	149.1	158.0	167.9	176.9
70°	103.5	114.1	125.4	136.6	147.5	158.0	168.7	179.5	190.4	201.0	211.2
67.5°	120.5	133.9	146.9	159.6	172.0	184.6	197.3	210.4	222.9	234.9	246.6
65°	138.7	153.6	168.1	182.3	196.1	211.5	226.6	241.2	257.1	271.8	284.7
62.5°	156.3	173.0	189.1	205.2	221.9	238.9	256.4	274.7	293.7	307.3	319.1
60°	173.2	192.1	210.0	228.5	247.1	266.3	286.4	305.9	323.3	338.2	350.6
57.5°	189.8	210.9	230.8	250.8	271.2	293.0	315.2	335.1	351.2	365.6	379.2
55°	205.8	229.2	250.4	271.7	294.9	320.5	343.1	361.1	377.6	389.5	402.5
52.5°	221.1	246.1	268.3	292.1	318.7	345.2	367.8	385.2	399.1	411.4	424.1
50°	235.7	260.9	285.5	312.6	340.6	367.3	390.1	406.1	420.1	432.9	445.1
47.5°	248.9	275.1	302.9	331.9	361.2	387.5	409.4	425.7	440.2	453.3	466.8
45°	261.4	289.5	319.0	350.8	380.8	406.9	426.8	444.4	458.3	473.1	489.9
42.5°	273.3	303.4	335.4	369.3	399.9	423.8	443.1	459.9	476.0	493.8	512.5
40°	285.0	316.3	351.0	386.6	417.8	438.5	457.8	475.7	494.1	514.3	534.8
37.5°	296.0	329.6	365.6	402.7	431.0	452.4	472.4	492.3	513.0	534.8	560.2
35°	306.0	341.8	379.5	415.4	442.5	466.0	487.4	509.0	532.2	558.8	586.8
32.5°	315.8	352.9	392.5	426.1	453.1	478.1	501.7	526.2	552.7	582.0	614.0
30°	325.4	363.7	403.8	437.1	462.5	488.1	515.8	543.0	572.6	605.1	642.7
27.5°	334.7	373.8	413.3	445.7	470.8	496.8	526.5	559.6	591.9	627.5	671.1
25°	343.3	384.1	422.7	452.5	477.9	505.2	536.2	571.4	609.4	651.7	705.1
22.5°	351.4	393.5	431.6	458.3	483.9	512.5	545.9	583.1	624.4	673.4	738.7
20°	358.9	400.8	437.5	463.6	488.7	518.3	554.2	593.4	640.5	700.0	778.0
17.5°	365.5	406.9	441.6	468.0	493.9	524.3	561.3	602.1	655.1	723.4	815.8
15°	371.2	412.0	445.1	471.4	498.3	530.5	568.6	613.1	671.1	746.4	848.4
12.5°	375.8	415.9	448.1	473.8	501.7	535.1	574.8	623.6	687.0	771.4	892.3
10°	379.5	418.8	450.4	475.3	504.1	538.1	579.6	631.8	699.9	792.3	930.0
7.5°	383.0	421.3	452.0	475.9	505.5	539.6	583.0	637.6	709.4	808.1	960.0
5°	385.6	423.7	453.0	477.3	506.3	540.3	585.3	641.0	715.3	818.4	981.2
2.5°	387.1	425.1	453.0	478.4	506.4	540.6	588.0	642.9	721.8	827.2	993.3
0°	387.6	425.6	452.2	478.8	505.4	539.6	589.0	642.2	725.8	832.2	995.6
-2.5°	387.1	425.1	453.0	478.4	506.4	540.6	588.0	642.9	721.8	827.2	993.3
-5°	385.6	423.7	453.0	477.3	506.3	540.3	585.3	641.0	715.3	818.4	981.2
-7.5°	383.0	421.3	452.0	475.9	505.5	539.6	583.0	637.6	709.4	808.1	960.0
-10°	379.5	418.8	450.4	475.3	504.1	538.1	579.6	631.8	699.9	792.3	930.0
-12.5°	375.8	415.9	448.1	473.8	501.7	535.1	574.8	623.6	687.0	771.4	892.3
-15°	371.2	412.0	445.1	471.4	498.3	530.5	568.6	613.1	671.1	746.4	848.4
-17.5°	365.5	406.9	441.6	468.0	493.9	524.3	561.3	602.1	655.1	723.4	815.8
-20°	358.9	400.8	437.5	463.6	488.7	518.3	554.2	593.4	640.5	700.0	778.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	351.4	393.5	431.6	458.3	483.9	512.5	545.9	583.1	624.4	673.4	738.7
-25°	343.3	384.1	422.7	452.5	477.9	505.2	536.2	571.4	609.4	651.7	705.1
-27.5°	334.7	373.8	413.3	445.7	470.8	496.8	526.5	559.6	591.9	627.5	671.1
-30°	325.4	363.7	403.8	437.1	462.5	488.1	515.8	543.0	572.6	605.1	642.7
-32.5°	315.8	352.9	392.5	426.1	453.1	478.1	501.7	526.2	552.7	582.0	614.0
-35°	306.0	341.8	379.5	415.4	442.5	466.0	487.4	509.0	532.2	558.8	586.8
-37.5°	296.0	329.6	365.6	402.7	431.0	452.4	472.4	492.3	513.0	534.8	560.2
-40°	285.0	316.3	351.0	386.6	417.8	438.5	457.8	475.7	494.1	514.3	534.8
-42.5°	273.3	303.4	335.4	369.3	399.9	423.8	443.1	459.9	476.0	493.8	512.5
-45°	261.4	289.5	319.0	350.8	380.8	406.9	426.8	444.4	458.3	473.1	489.9
-47.5°	248.9	275.1	302.9	331.9	361.2	387.5	409.4	425.7	440.2	453.3	466.8
-50°	235.7	260.9	285.5	312.6	340.6	367.3	390.1	406.1	420.1	432.9	445.1
-52.5°	221.1	246.1	268.3	292.1	318.7	345.2	367.8	385.2	399.1	411.4	424.1
-55°	205.8	229.2	250.4	271.7	294.9	320.5	343.1	361.1	377.6	389.5	402.5
-57.5°	189.8	210.9	230.8	250.8	271.2	293.0	315.2	335.1	351.2	365.6	379.2
-60°	173.2	192.1	210.0	228.5	247.1	266.3	286.4	305.9	323.3	338.2	350.6
-62.5°	156.3	173.0	189.1	205.2	221.9	238.9	256.4	274.7	293.7	307.3	319.1
-65°	138.7	153.6	168.1	182.3	196.1	211.5	226.6	241.2	257.1	271.8	284.7
-67.5°	120.5	133.9	146.9	159.6	172.0	184.6	197.3	210.4	222.9	234.9	246.6
-70°	103.5	114.1	125.4	136.6	147.5	158.0	168.7	179.5	190.4	201.0	211.2
-72.5°	86.6	95.8	104.7	113.4	123.1	132.5	141.2	149.1	158.0	167.9	176.9
-75°	70.6	77.4	84.8	92.1	99.8	107.6	115.1	122.4	129.4	136.7	143.9
-77.5°	55.4	61.4	66.8	71.7	77.1	83.6	89.8	95.8	101.6	107.1	112.3
-80°	40.7	45.4	50.1	54.4	58.6	62.7	66.7	70.6	74.2	78.2	82.4
-82.5°	26.8	30.3	33.7	37.0	40.2	43.3	46.3	49.2	52.0	54.6	57.1
-85°	14.0	15.2	17.4	19.6	21.8	23.9	25.8	27.8	29.6	31.4	33.0
-87.5°	7.0	7.6	8.2	8.7	9.3	9.8	10.3	10.7	11.2	11.6	12.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	12.4	12.8	13.2	13.5	13.8	14.0	14.3	14.5	14.7	14.8	15.0
85°	34.6	36.1	37.4	38.7	39.9	40.2	40.3	40.2	40.0	40.5	41.0
82.5°	59.4	62.1	64.8	67.5	70.1	71.1	71.7	72.2	72.5	73.6	74.4
80°	86.3	90.5	94.4	97.9	101.0	103.2	105.2	107.1	108.8	109.6	109.9
77.5°	117.5	122.7	127.4	131.9	135.9	139.2	141.8	143.9	145.5	146.6	147.3
75°	151.1	157.6	163.4	168.7	173.6	177.1	179.5	181.2	182.4	183.7	184.7
72.5°	185.1	192.4	199.3	205.7	211.4	215.3	218.1	220.4	222.1	223.3	224.0
70°	220.8	229.6	237.1	243.5	248.6	252.5	255.4	257.9	259.7	261.0	261.7
67.5°	257.7	267.1	274.2	279.8	284.4	288.4	292.2	294.9	296.7	298.6	300.5
65°	295.4	304.9	312.2	318.2	323.0	328.2	333.0	336.5	338.9	341.0	343.2
62.5°	330.8	341.6	350.0	357.8	365.7	373.2	377.6	380.9	383.3	385.4	387.9
60°	363.0	375.2	385.5	395.0	404.7	414.4	418.4	421.5	424.5	427.3	429.8
57.5°	391.5	404.6	417.0	426.4	435.7	444.7	451.0	454.5	456.8	458.0	459.1
55°	416.4	429.4	441.8	452.6	462.7	472.0	479.0	482.4	484.9	486.5	487.4
52.5°	438.6	452.6	465.9	477.9	488.7	498.8	507.5	512.1	515.9	518.5	519.4
50°	460.5	475.6	490.0	502.8	515.4	527.5	538.6	545.0	549.5	552.3	553.2
47.5°	483.3	499.7	515.3	530.2	544.5	558.8	571.9	580.7	587.2	592.0	595.4
45°	507.1	524.8	542.0	559.5	576.0	594.4	611.0	623.8	633.3	641.4	648.0
42.5°	531.0	550.9	570.6	593.2	615.7	636.7	656.5	673.4	688.8	704.0	715.8
40°	557.1	578.8	605.8	632.6	660.3	684.7	713.6	739.5	763.2	788.8	810.1
37.5°	585.5	613.4	645.4	677.5	713.6	748.6	789.0	828.7	863.3	908.2	944.2
35°	616.5	651.8	689.6	732.7	779.2	834.2	890.6	956.9	1013.1	1084.4	1150.3
32.5°	651.0	692.5	741.6	800.8	863.6	951.8	1034.6	1146.8	1242.8	1366.6	1501.9
30°	686.1	739.8	806.5	883.0	989.3	1114.4	1260.3	1450.1	1655.4	1867.9	2153.9
27.5°	727.7	797.4	880.7	998.8	1157.7	1330.9	1628.3	1949.3	2396.5	2750.6	3381.1
25°	772.5	858.7	981.9	1153.0	1372.6	1723.2	2225.1	2806.2	3701.1	4497.1	5411.8
22.5°	825.6	942.7	1105.7	1329.8	1712.7	2315.9	3099.3	4292.6	5619.2	6928.5	8125.2
20°	881.8	1023.3	1251.1	1616.2	2208.0	3080.3	4477.9	6183.1	7944.2	9738.6	11250.7
17.5°	947.4	1139.5	1439.7	1924.7	2768.9	4262.3	6129.0	8297.3	10598.2	12887.8	14876.6
15°	1003.8	1241.1	1645.4	2371.8	3630.7	5498.7	7793.0	10531.5	13424.8	16396.3	19616.8
12.5°	1075.7	1363.6	1857.3	2741.5	4395.3	6823.3	9630.6	12810.0	16343.2	20288.6	25309.3
10°	1141.7	1492.1	2136.1	3333.8	5314.5	8060.7	11217.9	14825.0	19407.8	25336.8	31393.0
7.5°	1194.6	1594.0	2352.3	3796.0	6085.3	9117.8	12647.1	16971.8	22689.3	29749.3	36669.0
5°	1231.4	1664.6	2507.0	4145.2	6705.3	9925.6	13661.3	18554.4	25455.2	33361.2	40426.6
2.5°	1254.5	1703.2	2582.8	4352.5	7109.8	10411.7	14294.1	19560.2	27150.5	35660.5	42813.9
0°	1265.4	1709.9	2534.5	4453.4	7166.5	10377.4	14352.0	19896.0	27552.7	36284.8	43409.5
-2.5°	1254.5	1703.2	2582.8	4352.5	7109.8	10411.7	14294.1	19560.2	27150.5	35660.5	42813.9
-5°	1231.4	1664.6	2507.0	4145.2	6705.3	9925.6	13661.3	18554.4	25455.2	33361.2	40426.6
-7.5°	1194.6	1594.0	2352.3	3796.0	6085.3	9117.8	12647.1	16971.8	22689.3	29749.3	36669.0
-10°	1141.7	1492.1	2136.1	3333.8	5314.5	8060.7	11217.9	14825.0	19407.8	25336.8	31393.0
-12.5°	1075.7	1363.6	1857.3	2741.5	4395.3	6823.3	9630.6	12810.0	16343.2	20288.6	25309.3
-15°	1003.8	1241.1	1645.4	2371.8	3630.7	5498.7	7793.0	10531.5	13424.8	16396.3	19616.8
-17.5°	947.4	1139.5	1439.7	1924.7	2768.9	4262.3	6129.0	8297.3	10598.2	12887.8	14876.6
-20°	881.8	1023.3	1251.1	1616.2	2208.0	3080.3	4477.9	6183.1	7944.2	9738.6	11250.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	825.6	942.7	1105.7	1329.8	1712.7	2315.9	3099.3	4292.6	5619.2	6928.5	8125.2
-25°	772.5	858.7	981.9	1153.0	1372.6	1723.2	2225.1	2806.2	3701.1	4497.1	5411.8
-27.5°	727.7	797.4	880.7	998.8	1157.7	1330.9	1628.3	1949.3	2396.5	2750.6	3381.1
-30°	686.1	739.8	806.5	883.0	989.3	1114.4	1260.3	1450.1	1655.4	1867.9	2153.9
-32.5°	651.0	692.5	741.6	800.8	863.6	951.8	1034.6	1146.8	1242.8	1366.6	1501.9
-35°	616.5	651.8	689.6	732.7	779.2	834.2	890.6	956.9	1013.1	1084.4	1150.3
-37.5°	585.5	613.4	645.4	677.5	713.6	748.6	789.0	828.7	863.3	908.2	944.2
-40°	557.1	578.8	605.8	632.6	660.3	684.7	713.6	739.5	763.2	788.8	810.1
-42.5°	531.0	550.9	570.6	593.2	615.7	636.7	656.5	673.4	688.8	704.0	715.8
-45°	507.1	524.8	542.0	559.5	576.0	594.4	611.0	623.8	633.3	641.4	648.0
-47.5°	483.3	499.7	515.3	530.2	544.5	558.8	571.9	580.7	587.2	592.0	595.4
-50°	460.5	475.6	490.0	502.8	515.4	527.5	538.6	545.0	549.5	552.3	553.2
-52.5°	438.6	452.6	465.9	477.9	488.7	498.8	507.5	512.1	515.9	518.5	519.4
-55°	416.4	429.4	441.8	452.6	462.7	472.0	479.0	482.4	484.9	486.5	487.4
-57.5°	391.5	404.6	417.0	426.4	435.7	444.7	451.0	454.5	456.8	458.0	459.1
-60°	363.0	375.2	385.5	395.0	404.7	414.4	418.4	421.5	424.5	427.3	429.8
-62.5°	330.8	341.6	350.0	357.8	365.7	373.2	377.6	380.9	383.3	385.4	387.9
-65°	295.4	304.9	312.2	318.2	323.0	328.2	333.0	336.5	338.9	341.0	343.2
-67.5°	257.7	267.1	274.2	279.8	284.4	288.4	292.2	294.9	296.7	298.6	300.5
-70°	220.8	229.6	237.1	243.5	248.6	252.5	255.4	257.9	259.7	261.0	261.7
-72.5°	185.1	192.4	199.3	205.7	211.4	215.3	218.1	220.4	222.1	223.3	224.0
-75°	151.1	157.6	163.4	168.7	173.6	177.1	179.5	181.2	182.4	183.7	184.7
-77.5°	117.5	122.7	127.4	131.9	135.9	139.2	141.8	143.9	145.5	146.6	147.3
-80°	86.3	90.5	94.4	97.9	101.0	103.2	105.2	107.1	108.8	109.6	109.9
-82.5°	59.4	62.1	64.8	67.5	70.1	71.1	71.7	72.2	72.5	73.6	74.4
-85°	34.6	36.1	37.4	38.7	39.9	40.2	40.3	40.2	40.0	40.5	41.0
-87.5°	12.4	12.8	13.2	13.5	13.8	14.0	14.3	14.5	14.7	14.8	15.0
-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: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	15.1	15.1	15.2	15.2	15.2	15.1	15.1	15.0	14.8	14.7	14.5
85°	41.3	41.6	41.7	41.8	41.7	41.6	41.3	41.0	40.5	40.0	40.2
82.5°	75.1	75.6	75.9	76.0	75.9	75.6	75.1	74.4	73.6	72.5	72.2
80°	110.0	109.7	110.1	110.2	110.1	109.7	110.0	109.9	109.6	108.8	107.1
77.5°	147.6	147.5	148.0	148.2	148.0	147.5	147.6	147.3	146.6	145.5	143.9
75°	185.3	185.4	186.0	186.2	186.0	185.4	185.3	184.7	183.7	182.4	181.2
72.5°	224.0	223.3	223.9	224.2	223.9	223.3	224.0	224.0	223.3	222.1	220.4
70°	261.8	261.2	263.7	266.0	263.7	261.2	261.8	261.7	261.0	259.7	257.9
67.5°	301.9	302.7	305.4	307.8	305.4	302.7	301.9	300.5	298.6	296.7	294.9
65°	344.3	344.5	347.1	349.6	347.1	344.5	344.3	343.2	341.0	338.9	336.5
62.5°	389.4	389.8	392.5	395.2	392.5	389.8	389.4	387.9	385.4	383.3	380.9
60°	431.2	431.7	432.7	433.2	432.7	431.7	431.2	429.8	427.3	424.5	421.5
57.5°	459.4	459.0	459.4	459.8	459.4	459.0	459.4	459.1	458.0	456.8	454.5
55°	487.2	486.0	484.5	482.6	484.5	486.0	487.2	487.4	486.5	484.9	482.4
52.5°	518.7	516.7	514.9	513.0	514.9	516.7	518.7	519.4	518.5	515.9	512.1
50°	552.6	550.8	549.1	547.2	549.1	550.8	552.6	553.2	552.3	549.5	545.0
47.5°	597.7	598.5	598.2	596.6	598.2	598.5	597.7	595.4	592.0	587.2	580.7
45°	652.6	654.8	655.0	653.6	655.0	654.8	652.6	648.0	641.4	633.3	623.8
42.5°	724.1	728.9	731.6	733.4	731.6	728.9	724.1	715.8	704.0	688.8	673.4
40°	825.5	835.3	841.6	847.4	841.6	835.3	825.5	810.1	788.8	763.2	739.5
37.5°	970.9	988.7	996.7	991.8	996.7	988.7	970.9	944.2	908.2	863.3	828.7
35°	1201.0	1234.9	1252.6	1254.0	1252.6	1234.9	1201.0	1150.3	1084.4	1013.1	956.9
32.5°	1601.9	1671.2	1708.4	1713.7	1708.4	1671.2	1601.9	1501.9	1366.6	1242.8	1146.8
30°	2372.8	2514.2	2580.7	2564.9	2580.7	2514.2	2372.8	2153.9	1867.9	1655.4	1450.1
27.5°	3871.3	4224.0	4433.0	4449.6	4433.0	4224.0	3871.3	3381.1	2750.6	2396.5	1949.3
25°	6222.0	6824.1	7209.7	7215.9	7209.7	6824.1	6222.0	5411.8	4497.1	3701.1	2806.2
22.5°	9231.8	10053.7	10504.0	10582.6	10504.0	10053.7	9231.8	8125.2	6928.5	5619.2	4292.6
20°	12718.7	13812.0	14396.9	14397.6	14396.9	13812.0	12718.7	11250.7	9738.6	7944.2	6183.1
17.5°	17012.9	18788.2	19902.7	20382.4	19902.7	18788.2	17012.9	14876.6	12887.8	10598.2	8297.3
15°	22717.9	25701.2	27488.9	27811.1	27488.9	25701.2	22717.9	19616.8	16396.3	13424.8	10531.5
12.5°	29664.4	33439.9	35977.8	36908.0	35977.8	33439.9	29664.4	25309.3	20288.6	16343.2	12810.0
10°	36917.2	40415.3	43134.2	44047.9	43134.2	40415.3	36917.2	31393.0	25336.8	19407.8	14825.0
7.5°	42156.7	46328.1	49390.7	50735.6	49390.7	46328.1	42156.7	36669.0	29749.3	22689.3	16971.8
5°	46292.7	51228.6	54079.5	55344.8	54079.5	51228.6	46292.7	40426.6	33361.2	25455.2	18554.4
2.5°	49006.4	53883.5	56902.6	58069.3	56902.6	53883.5	49006.4	42813.9	35660.5	27150.5	19560.2
0°	50021.2	54790.0	57772.9	59197.9	57772.9	54790.0	50021.2	43409.5	36284.8	27552.7	19896.0
-2.5°	49006.4	53883.5	56902.6	58069.3	56902.6	53883.5	49006.4	42813.9	35660.5	27150.5	19560.2
-5°	46292.7	51228.6	54079.5	55344.8	54079.5	51228.6	46292.7	40426.6	33361.2	25455.2	18554.4
-7.5°	42156.7	46328.1	49390.7	50735.6	49390.7	46328.1	42156.7	36669.0	29749.3	22689.3	16971.8
-10°	36917.2	40415.3	43134.2	44047.9	43134.2	40415.3	36917.2	31393.0	25336.8	19407.8	14825.0
-12.5°	29664.4	33439.9	35977.8	36908.0	35977.8	33439.9	29664.4	25309.3	20288.6	16343.2	12810.0
-15°	22717.9	25701.2	27488.9	27811.1	27488.9	25701.2	22717.9	19616.8	16396.3	13424.8	10531.5
-17.5°	17012.9	18788.2	19902.7	20382.4	19902.7	18788.2	17012.9	14876.6	12887.8	10598.2	8297.3
-20°	12718.7	13812.0	14396.9	14397.6	14396.9	13812.0	12718.7	11250.7	9738.6	7944.2	6183.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	9231.8	10053.7	10504.0	10582.6	10504.0	10053.7	9231.8	8125.2	6928.5	5619.2	4292.6
-25°	6222.0	6824.1	7209.7	7215.9	7209.7	6824.1	6222.0	5411.8	4497.1	3701.1	2806.2
-27.5°	3871.3	4224.0	4433.0	4449.6	4433.0	4224.0	3871.3	3381.1	2750.6	2396.5	1949.3
-30°	2372.8	2514.2	2580.7	2564.9	2580.7	2514.2	2372.8	2153.9	1867.9	1655.4	1450.1
-32.5°	1601.9	1671.2	1708.4	1713.7	1708.4	1671.2	1601.9	1501.9	1366.6	1242.8	1146.8
-35°	1201.0	1234.9	1252.6	1254.0	1252.6	1234.9	1201.0	1150.3	1084.4	1013.1	956.9
-37.5°	970.9	988.7	996.7	991.8	996.7	988.7	970.9	944.2	908.2	863.3	828.7
-40°	825.5	835.3	841.6	847.4	841.6	835.3	825.5	810.1	788.8	763.2	739.5
-42.5°	724.1	728.9	731.6	733.4	731.6	728.9	724.1	715.8	704.0	688.8	673.4
-45°	652.6	654.8	655.0	653.6	655.0	654.8	652.6	648.0	641.4	633.3	623.8
-47.5°	597.7	598.5	598.2	596.6	598.2	598.5	597.7	595.4	592.0	587.2	580.7
-50°	552.6	550.8	549.1	547.2	549.1	550.8	552.6	553.2	552.3	549.5	545.0
-52.5°	518.7	516.7	514.9	513.0	514.9	516.7	518.7	519.4	518.5	515.9	512.1
-55°	487.2	486.0	484.5	482.6	484.5	486.0	487.2	487.4	486.5	484.9	482.4
-57.5°	459.4	459.0	459.4	459.8	459.4	459.0	459.4	459.1	458.0	456.8	454.5
-60°	431.2	431.7	432.7	433.2	432.7	431.7	431.2	429.8	427.3	424.5	421.5
-62.5°	389.4	389.8	392.5	395.2	392.5	389.8	389.4	387.9	385.4	383.3	380.9
-65°	344.3	344.5	347.1	349.6	347.1	344.5	344.3	343.2	341.0	338.9	336.5
-67.5°	301.9	302.7	305.4	307.8	305.4	302.7	301.9	300.5	298.6	296.7	294.9
-70°	261.8	261.2	263.7	266.0	263.7	261.2	261.8	261.7	261.0	259.7	257.9
-72.5°	224.0	223.3	223.9	224.2	223.9	223.3	224.0	224.0	223.3	222.1	220.4
-75°	185.3	185.4	186.0	186.2	186.0	185.4	185.3	184.7	183.7	182.4	181.2
-77.5°	147.6	147.5	148.0	148.2	148.0	147.5	147.6	147.3	146.6	145.5	143.9
-80°	110.0	109.7	110.1	110.2	110.1	109.7	110.0	109.9	109.6	108.8	107.1
-82.5°	75.1	75.6	75.9	76.0	75.9	75.6	75.1	74.4	73.6	72.5	72.2
-85°	41.3	41.6	41.7	41.8	41.7	41.6	41.3	41.0	40.5	40.0	40.2
-87.5°	15.1	15.1	15.2	15.2	15.2	15.1	15.1	15.0	14.8	14.7	14.5
-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: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	14.3	14.0	13.8	13.5	13.2	12.8	12.4	12.1	11.6	11.2	10.7
85°	40.3	40.2	39.9	38.7	37.4	36.1	34.6	33.0	31.4	29.6	27.8
82.5°	71.7	71.1	70.1	67.5	64.8	62.1	59.4	57.1	54.6	52.0	49.2
80°	105.2	103.2	101.0	97.9	94.4	90.5	86.3	82.4	78.2	74.2	70.6
77.5°	141.8	139.2	135.9	131.9	127.4	122.7	117.5	112.3	107.1	101.6	95.8
75°	179.5	177.1	173.6	168.7	163.4	157.6	151.1	143.9	136.7	129.4	122.4
72.5°	218.1	215.3	211.4	205.7	199.3	192.4	185.1	176.9	167.9	158.0	149.1
70°	255.4	252.5	248.6	243.5	237.1	229.6	220.8	211.2	201.0	190.4	179.5
67.5°	292.2	288.4	284.4	279.8	274.2	267.1	257.7	246.6	234.9	222.9	210.4
65°	333.0	328.2	323.0	318.2	312.2	304.9	295.4	284.7	271.8	257.1	241.2
62.5°	377.6	373.2	365.7	357.8	350.0	341.6	330.8	319.1	307.3	293.7	274.7
60°	418.4	414.4	404.7	395.0	385.5	375.2	363.0	350.6	338.2	323.3	305.9
57.5°	451.0	444.7	435.7	426.4	417.0	404.6	391.5	379.2	365.6	351.2	335.1
55°	479.0	472.0	462.7	452.6	441.8	429.4	416.4	402.5	389.5	377.6	361.1
52.5°	507.5	498.8	488.7	477.9	465.9	452.6	438.6	424.1	411.4	399.1	385.2
50°	538.6	527.5	515.4	502.8	490.0	475.6	460.5	445.1	432.9	420.1	406.1
47.5°	571.9	558.8	544.5	530.2	515.3	499.7	483.3	466.8	453.3	440.2	425.7
45°	611.0	594.4	576.0	559.5	542.0	524.8	507.1	489.9	473.1	458.3	444.4
42.5°	656.5	636.7	615.7	593.2	570.6	550.9	531.0	512.5	493.8	476.0	459.9
40°	713.6	684.7	660.3	632.6	605.8	578.8	557.1	534.8	514.3	494.1	475.7
37.5°	789.0	748.6	713.6	677.5	645.4	613.4	585.5	560.2	534.8	513.0	492.3
35°	890.6	834.2	779.2	732.7	689.6	651.8	616.5	586.8	558.8	532.2	509.0
32.5°	1034.6	951.8	863.6	800.8	741.6	692.5	651.0	614.0	582.0	552.7	526.2
30°	1260.3	1114.4	989.3	883.0	806.5	739.8	686.1	642.7	605.1	572.6	543.0
27.5°	1628.3	1330.9	1157.7	998.8	880.7	797.4	727.7	671.1	627.5	591.9	559.6
25°	2225.1	1723.2	1372.6	1153.0	981.9	858.7	772.5	705.1	651.7	609.4	571.4
22.5°	3099.3	2315.9	1712.7	1329.8	1105.7	942.7	825.6	738.7	673.4	624.4	583.1
20°	4477.9	3080.3	2208.0	1616.2	1251.1	1023.3	881.8	778.0	700.0	640.5	593.4
17.5°	6129.0	4262.3	2768.9	1924.7	1439.7	1139.5	947.4	815.8	723.4	655.1	602.1
15°	7793.0	5498.7	3630.7	2371.8	1645.4	1241.1	1003.8	848.4	746.4	671.1	613.1
12.5°	9630.6	6823.3	4395.3	2741.5	1857.3	1363.6	1075.7	892.3	771.4	687.0	623.6
10°	11217.9	8060.7	5314.5	3333.8	2136.1	1492.1	1141.7	930.0	792.3	699.9	631.8
7.5°	12647.1	9117.8	6085.3	3796.0	2352.3	1594.0	1194.6	960.0	808.1	709.4	637.6
5°	13661.3	9925.6	6705.3	4145.2	2507.0	1664.6	1231.4	981.2	818.4	715.3	641.0
2.5°	14294.1	10411.7	7109.8	4352.5	2582.8	1703.2	1254.5	993.3	827.2	721.8	642.9
0°	14352.0	10377.4	7166.5	4453.4	2534.5	1709.9	1265.4	995.6	832.2	725.8	642.2
-2.5°	14294.1	10411.7	7109.8	4352.5	2582.8	1703.2	1254.5	993.3	827.2	721.8	642.9
-5°	13661.3	9925.6	6705.3	4145.2	2507.0	1664.6	1231.4	981.2	818.4	715.3	641.0
-7.5°	12647.1	9117.8	6085.3	3796.0	2352.3	1594.0	1194.6	960.0	808.1	709.4	637.6
-10°	11217.9	8060.7	5314.5	3333.8	2136.1	1492.1	1141.7	930.0	792.3	699.9	631.8
-12.5°	9630.6	6823.3	4395.3	2741.5	1857.3	1363.6	1075.7	892.3	771.4	687.0	623.6
-15°	7793.0	5498.7	3630.7	2371.8	1645.4	1241.1	1003.8	848.4	746.4	671.1	613.1
-17.5°	6129.0	4262.3	2768.9	1924.7	1439.7	1139.5	947.4	815.8	723.4	655.1	602.1
-20°	4477.9	3080.3	2208.0	1616.2	1251.1	1023.3	881.8	778.0	700.0	640.5	593.4

Classified

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



REPORT NUMBER: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	3099.3	2315.9	1712.7	1329.8	1105.7	942.7	825.6	738.7	673.4	624.4	583.1
-25°	2225.1	1723.2	1372.6	1153.0	981.9	858.7	772.5	705.1	651.7	609.4	571.4
-27.5°	1628.3	1330.9	1157.7	998.8	880.7	797.4	727.7	671.1	627.5	591.9	559.6
-30°	1260.3	1114.4	989.3	883.0	806.5	739.8	686.1	642.7	605.1	572.6	543.0
-32.5°	1034.6	951.8	863.6	800.8	741.6	692.5	651.0	614.0	582.0	552.7	526.2
-35°	890.6	834.2	779.2	732.7	689.6	651.8	616.5	586.8	558.8	532.2	509.0
-37.5°	789.0	748.6	713.6	677.5	645.4	613.4	585.5	560.2	534.8	513.0	492.3
-40°	713.6	684.7	660.3	632.6	605.8	578.8	557.1	534.8	514.3	494.1	475.7
-42.5°	656.5	636.7	615.7	593.2	570.6	550.9	531.0	512.5	493.8	476.0	459.9
-45°	611.0	594.4	576.0	559.5	542.0	524.8	507.1	489.9	473.1	458.3	444.4
-47.5°	571.9	558.8	544.5	530.2	515.3	499.7	483.3	466.8	453.3	440.2	425.7
-50°	538.6	527.5	515.4	502.8	490.0	475.6	460.5	445.1	432.9	420.1	406.1
-52.5°	507.5	498.8	488.7	477.9	465.9	452.6	438.6	424.1	411.4	399.1	385.2
-55°	479.0	472.0	462.7	452.6	441.8	429.4	416.4	402.5	389.5	377.6	361.1
-57.5°	451.0	444.7	435.7	426.4	417.0	404.6	391.5	379.2	365.6	351.2	335.1
-60°	418.4	414.4	404.7	395.0	385.5	375.2	363.0	350.6	338.2	323.3	305.9
-62.5°	377.6	373.2	365.7	357.8	350.0	341.6	330.8	319.1	307.3	293.7	274.7
-65°	333.0	328.2	323.0	318.2	312.2	304.9	295.4	284.7	271.8	257.1	241.2
-67.5°	292.2	288.4	284.4	279.8	274.2	267.1	257.7	246.6	234.9	222.9	210.4
-70°	255.4	252.5	248.6	243.5	237.1	229.6	220.8	211.2	201.0	190.4	179.5
-72.5°	218.1	215.3	211.4	205.7	199.3	192.4	185.1	176.9	167.9	158.0	149.1
-75°	179.5	177.1	173.6	168.7	163.4	157.6	151.1	143.9	136.7	129.4	122.4
-77.5°	141.8	139.2	135.9	131.9	127.4	122.7	117.5	112.3	107.1	101.6	95.8
-80°	105.2	103.2	101.0	97.9	94.4	90.5	86.3	82.4	78.2	74.2	70.6
-82.5°	71.7	71.1	70.1	67.5	64.8	62.1	59.4	57.1	54.6	52.0	49.2
-85°	40.3	40.2	39.9	38.7	37.4	36.1	34.6	33.0	31.4	29.6	27.8
-87.5°	14.3	14.0	13.8	13.5	13.2	12.8	12.4	12.1	11.6	11.2	10.7
-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: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	10.3	9.8	9.3	8.7	8.2	7.6	7.0	6.4	5.8	5.2	4.6
85°	25.8	23.9	21.8	19.6	17.4	15.2	14.0	12.8	11.6	10.4	9.1
82.5°	46.3	43.3	40.2	37.0	33.7	30.3	26.8	23.2	19.5	15.9	13.7
80°	66.7	62.7	58.6	54.4	50.1	45.4	40.7	35.9	30.6	25.5	20.6
77.5°	89.8	83.6	77.1	71.7	66.8	61.4	55.4	48.8	41.6	35.0	28.7
75°	115.1	107.6	99.8	92.1	84.8	77.4	70.6	62.8	53.7	44.5	36.7
72.5°	141.2	132.5	123.1	113.4	104.7	95.8	86.6	76.7	66.3	55.7	45.0
70°	168.7	158.0	147.5	136.6	125.4	114.1	103.5	91.6	78.7	66.8	54.7
67.5°	197.3	184.6	172.0	159.6	146.9	133.9	120.5	106.6	92.3	77.7	64.3
65°	226.6	211.5	196.1	182.3	168.1	153.6	138.7	121.7	105.6	89.6	73.6
62.5°	256.4	238.9	221.9	205.2	189.1	173.0	156.3	137.3	118.8	101.2	83.6
60°	286.4	266.3	247.1	228.5	210.0	192.1	173.2	152.4	132.2	112.6	93.5
57.5°	315.2	293.0	271.2	250.8	230.8	210.9	189.8	167.4	145.2	123.9	103.3
55°	343.1	320.5	294.9	271.7	250.4	229.2	205.8	182.0	157.8	134.9	112.8
52.5°	367.8	345.2	318.7	292.1	268.3	246.1	221.1	196.3	170.7	145.4	122.0
50°	390.1	367.3	340.6	312.6	285.5	260.9	235.7	209.5	183.1	155.8	130.9
47.5°	409.4	387.5	361.2	331.9	302.9	275.1	248.9	221.9	195.0	166.4	139.4
45°	426.8	406.9	380.8	350.8	319.0	289.5	261.4	233.7	205.6	176.7	147.7
42.5°	443.1	423.8	399.9	369.3	335.4	303.4	273.3	244.6	215.5	186.4	155.9
40°	457.8	438.5	417.8	386.6	351.0	316.3	285.0	254.8	224.8	195.3	163.9
37.5°	472.4	452.4	431.0	402.7	365.6	329.6	296.0	264.5	233.8	203.2	171.4
35°	487.4	466.0	442.5	415.4	379.5	341.8	306.0	273.6	242.2	210.7	178.4
32.5°	501.7	478.1	453.1	426.1	392.5	352.9	315.8	282.5	250.1	217.6	184.8
30°	515.8	488.1	462.5	437.1	403.8	363.7	325.4	290.7	257.5	224.1	190.7
27.5°	526.5	496.8	470.8	445.7	413.3	373.8	334.7	298.3	264.2	230.1	195.8
25°	536.2	505.2	477.9	452.5	422.7	384.1	343.3	305.2	270.4	235.5	200.6
22.5°	545.9	512.5	483.9	458.3	431.6	393.5	351.4	312.2	276.0	240.4	204.8
20°	554.2	518.3	488.7	463.6	437.5	400.8	358.9	318.3	280.9	244.8	208.6
17.5°	561.3	524.3	493.9	468.0	441.6	406.9	365.5	323.7	285.2	248.5	211.8
15°	568.6	530.5	498.3	471.4	445.1	412.0	371.2	328.3	288.8	251.7	214.9
12.5°	574.8	535.1	501.7	473.8	448.1	415.9	375.8	332.0	291.8	254.7	217.7
10°	579.6	538.1	504.1	475.3	450.4	418.8	379.5	335.5	295.3	257.4	220.0
7.5°	583.0	539.6	505.5	475.9	452.0	421.3	383.0	339.3	298.4	259.5	221.9
5°	585.3	540.3	506.3	477.3	453.0	423.7	385.6	342.3	301.0	261.0	223.2
2.5°	588.0	540.6	506.4	478.4	453.0	425.1	387.1	344.5	302.8	261.9	223.9
0°	589.0	539.6	505.4	478.8	452.2	425.6	387.6	345.8	304.0	262.2	224.2
-2.5°	588.0	540.6	506.4	478.4	453.0	425.1	387.1	344.5	302.8	261.9	223.9
-5°	585.3	540.3	506.3	477.3	453.0	423.7	385.6	342.3	301.0	261.0	223.2
-7.5°	583.0	539.6	505.5	475.9	452.0	421.3	383.0	339.3	298.4	259.5	221.9
-10°	579.6	538.1	504.1	475.3	450.4	418.8	379.5	335.5	295.3	257.4	220.0
-12.5°	574.8	535.1	501.7	473.8	448.1	415.9	375.8	332.0	291.8	254.7	217.7
-15°	568.6	530.5	498.3	471.4	445.1	412.0	371.2	328.3	288.8	251.7	214.9
-17.5°	561.3	524.3	493.9	468.0	441.6	406.9	365.5	323.7	285.2	248.5	211.8
-20°	554.2	518.3	488.7	463.6	437.5	400.8	358.9	318.3	280.9	244.8	208.6

Classified

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



REPORT NUMBER: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	545.9	512.5	483.9	458.3	431.6	393.5	351.4	312.2	276.0	240.4	204.8
-25°	536.2	505.2	477.9	452.5	422.7	384.1	343.3	305.2	270.4	235.5	200.6
-27.5°	526.5	496.8	470.8	445.7	413.3	373.8	334.7	298.3	264.2	230.1	195.8
-30°	515.8	488.1	462.5	437.1	403.8	363.7	325.4	290.7	257.5	224.1	190.7
-32.5°	501.7	478.1	453.1	426.1	392.5	352.9	315.8	282.5	250.1	217.6	184.8
-35°	487.4	466.0	442.5	415.4	379.5	341.8	306.0	273.6	242.2	210.7	178.4
-37.5°	472.4	452.4	431.0	402.7	365.6	329.6	296.0	264.5	233.8	203.2	171.4
-40°	457.8	438.5	417.8	386.6	351.0	316.3	285.0	254.8	224.8	195.3	163.9
-42.5°	443.1	423.8	399.9	369.3	335.4	303.4	273.3	244.6	215.5	186.4	155.9
-45°	426.8	406.9	380.8	350.8	319.0	289.5	261.4	233.7	205.6	176.7	147.7
-47.5°	409.4	387.5	361.2	331.9	302.9	275.1	248.9	221.9	195.0	166.4	139.4
-50°	390.1	367.3	340.6	312.6	285.5	260.9	235.7	209.5	183.1	155.8	130.9
-52.5°	367.8	345.2	318.7	292.1	268.3	246.1	221.1	196.3	170.7	145.4	122.0
-55°	343.1	320.5	294.9	271.7	250.4	229.2	205.8	182.0	157.8	134.9	112.8
-57.5°	315.2	293.0	271.2	250.8	230.8	210.9	189.8	167.4	145.2	123.9	103.3
-60°	286.4	266.3	247.1	228.5	210.0	192.1	173.2	152.4	132.2	112.6	93.5
-62.5°	256.4	238.9	221.9	205.2	189.1	173.0	156.3	137.3	118.8	101.2	83.6
-65°	226.6	211.5	196.1	182.3	168.1	153.6	138.7	121.7	105.6	89.6	73.6
-67.5°	197.3	184.6	172.0	159.6	146.9	133.9	120.5	106.6	92.3	77.7	64.3
-70°	168.7	158.0	147.5	136.6	125.4	114.1	103.5	91.6	78.7	66.8	54.7
-72.5°	141.2	132.5	123.1	113.4	104.7	95.8	86.6	76.7	66.3	55.7	45.0
-75°	115.1	107.6	99.8	92.1	84.8	77.4	70.6	62.8	53.7	44.5	36.7
-77.5°	89.8	83.6	77.1	71.7	66.8	61.4	55.4	48.8	41.6	35.0	28.7
-80°	66.7	62.7	58.6	54.4	50.1	45.4	40.7	35.9	30.6	25.5	20.6
-82.5°	46.3	43.3	40.2	37.0	33.7	30.3	26.8	23.2	19.5	15.9	13.7
-85°	25.8	23.9	21.8	19.6	17.4	15.2	14.0	12.8	11.6	10.4	9.1
-87.5°	10.3	9.8	9.3	8.7	8.2	7.6	7.0	6.4	5.8	5.2	4.6
-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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REPORT NUMBER: P627545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
85°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
82.5°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
80°	16.0	13.1	10.5	7.9	5.3	2.6	0.0
77.5°	22.8	17.2	13.1	9.8	6.6	3.3	0.0
75°	29.5	22.8	16.0	11.8	7.9	3.9	0.0
72.5°	36.1	28.3	20.4	13.7	9.1	4.6	0.0
70°	42.9	33.8	24.8	15.8	10.4	5.2	0.0
67.5°	51.2	39.2	29.1	19.1	11.6	5.8	0.0
65°	59.3	45.2	33.4	22.2	12.8	6.4	0.0
62.5°	67.3	51.9	37.5	25.4	14.0	7.0	0.0
60°	75.1	58.4	41.6	28.4	15.2	7.6	0.0
57.5°	83.3	64.8	46.6	31.4	17.2	8.2	0.0
55°	91.4	71.0	51.6	34.3	19.1	8.7	0.0
52.5°	99.1	77.0	56.4	37.1	21.0	9.3	0.0
50°	106.5	83.2	61.1	39.8	22.8	9.8	0.0
47.5°	113.6	89.0	65.6	42.6	24.5	10.3	0.0
45°	120.7	94.6	69.9	45.8	26.2	10.7	0.0
42.5°	127.4	99.9	74.0	48.9	27.8	11.2	0.0
40°	133.8	104.9	78.0	51.9	29.3	11.6	0.0
37.5°	139.9	109.6	81.8	54.6	30.8	12.1	0.0
35°	145.7	114.3	85.4	57.1	32.2	12.4	0.0
32.5°	151.1	118.8	88.7	59.5	33.5	12.8	0.0
30°	156.3	122.9	91.7	61.6	34.7	13.2	0.0
27.5°	161.0	126.8	94.5	63.6	35.8	13.5	0.0
25°	165.2	130.3	97.1	65.3	36.8	13.8	0.0
22.5°	169.0	133.5	99.4	66.9	37.7	14.0	0.0
20°	172.3	136.2	101.6	68.3	38.6	14.3	0.0
17.5°	175.3	138.6	103.5	69.4	39.3	14.5	0.0
15°	178.1	140.5	105.2	70.4	40.0	14.7	0.0
12.5°	180.5	142.1	106.7	71.2	40.5	14.8	0.0
10°	182.5	143.3	107.9	71.8	41.0	15.0	0.0
7.5°	184.1	144.1	108.9	72.1	41.3	15.1	0.0
5°	185.2	144.6	109.6	72.3	41.6	15.1	0.0
2.5°	186.0	144.7	110.1	72.4	41.7	15.2	0.0
0°	186.2	144.4	110.2	72.2	41.8	15.2	0.0
-2.5°	186.0	144.7	110.1	72.4	41.7	15.2	0.0
-5°	185.2	144.6	109.6	72.3	41.6	15.1	0.0
-7.5°	184.1	144.1	108.9	72.1	41.3	15.1	0.0
-10°	182.5	143.3	107.9	71.8	41.0	15.0	0.0
-12.5°	180.5	142.1	106.7	71.2	40.5	14.8	0.0
-15°	178.1	140.5	105.2	70.4	40.0	14.7	0.0
-17.5°	175.3	138.6	103.5	69.4	39.3	14.5	0.0
-20°	172.3	136.2	101.6	68.3	38.6	14.3	0.0

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CATALOG NUMBER: GFLD-SA5B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	169.0	133.5	99.4	66.9	37.7	14.0	0.0
-25°	165.2	130.3	97.1	65.3	36.8	13.8	0.0
-27.5°	161.0	126.8	94.5	63.6	35.8	13.5	0.0
-30°	156.3	122.9	91.7	61.6	34.7	13.2	0.0
-32.5°	151.1	118.8	88.7	59.5	33.5	12.8	0.0
-35°	145.7	114.3	85.4	57.1	32.2	12.4	0.0
-37.5°	139.9	109.6	81.8	54.6	30.8	12.1	0.0
-40°	133.8	104.9	78.0	51.9	29.3	11.6	0.0
-42.5°	127.4	99.9	74.0	48.9	27.8	11.2	0.0
-45°	120.7	94.6	69.9	45.8	26.2	10.7	0.0
-47.5°	113.6	89.0	65.6	42.6	24.5	10.3	0.0
-50°	106.5	83.2	61.1	39.8	22.8	9.8	0.0
-52.5°	99.1	77.0	56.4	37.1	21.0	9.3	0.0
-55°	91.4	71.0	51.6	34.3	19.1	8.7	0.0
-57.5°	83.3	64.8	46.6	31.4	17.2	8.2	0.0
-60°	75.1	58.4	41.6	28.4	15.2	7.6	0.0
-62.5°	67.3	51.9	37.5	25.4	14.0	7.0	0.0
-65°	59.3	45.2	33.4	22.2	12.8	6.4	0.0
-67.5°	51.2	39.2	29.1	19.1	11.6	5.8	0.0
-70°	42.9	33.8	24.8	15.8	10.4	5.2	0.0
-72.5°	36.1	28.3	20.4	13.7	9.1	4.6	0.0
-75°	29.5	22.8	16.0	11.8	7.9	3.9	0.0
-77.5°	22.8	17.2	13.1	9.8	6.6	3.3	0.0
-80°	16.0	13.1	10.5	7.9	5.3	2.6	0.0
-82.5°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
-85°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
-87.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)